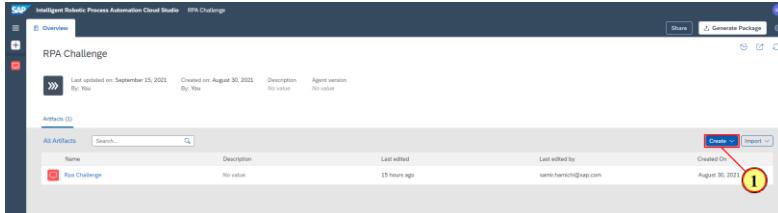
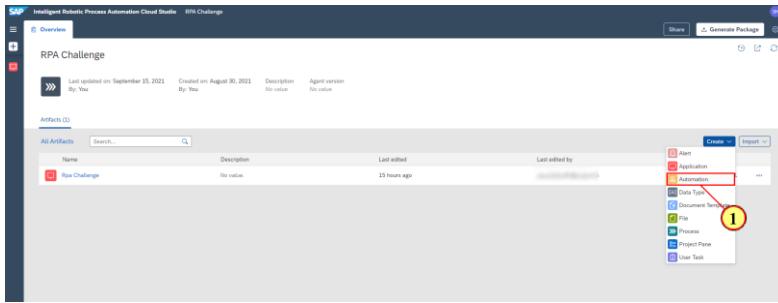
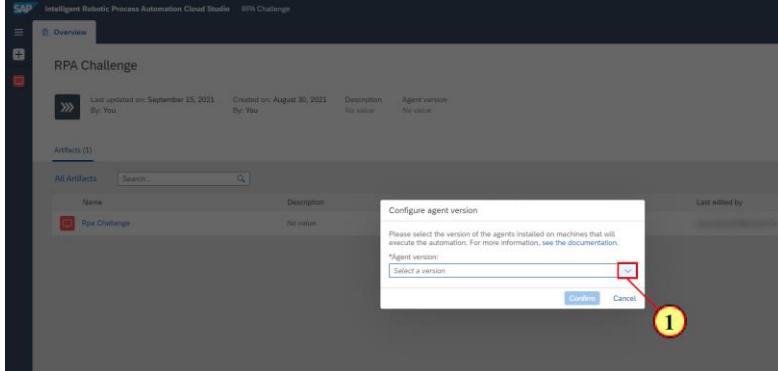
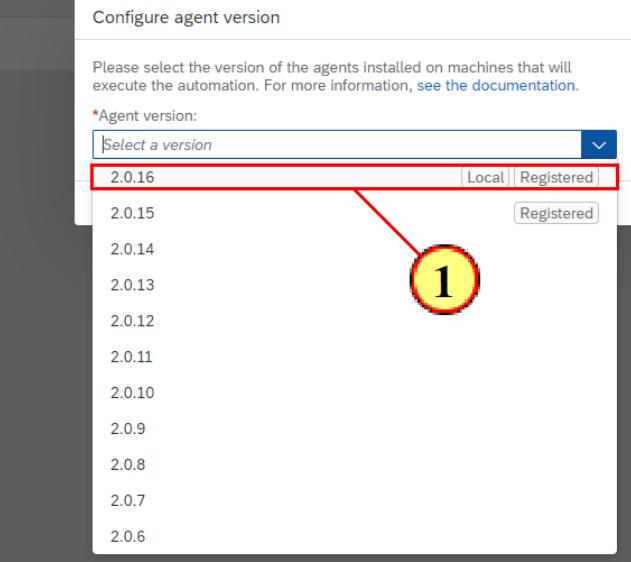
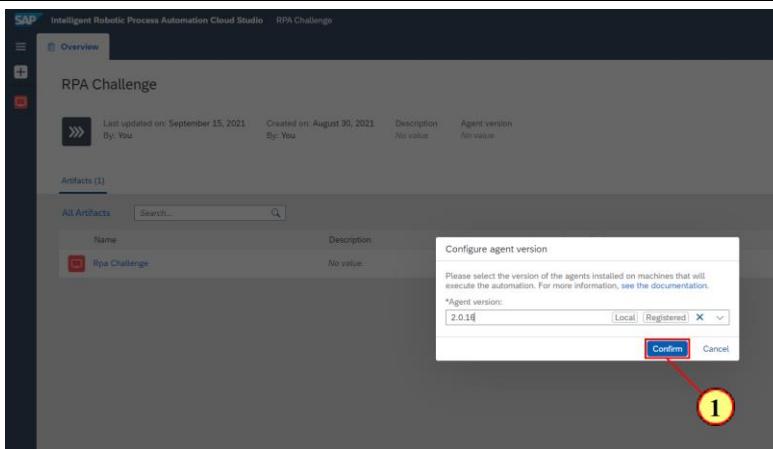
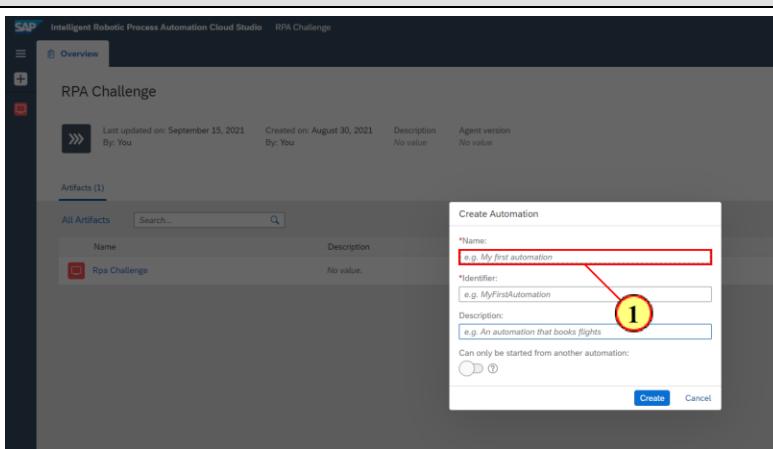
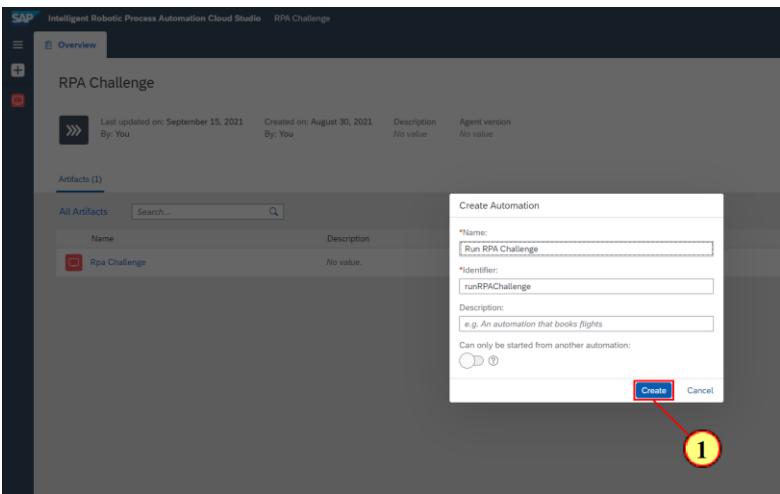
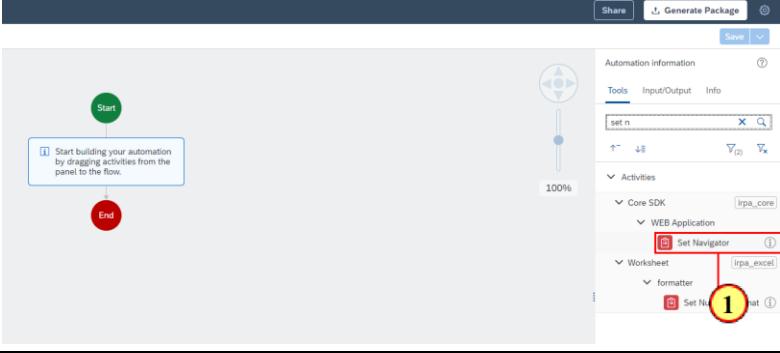
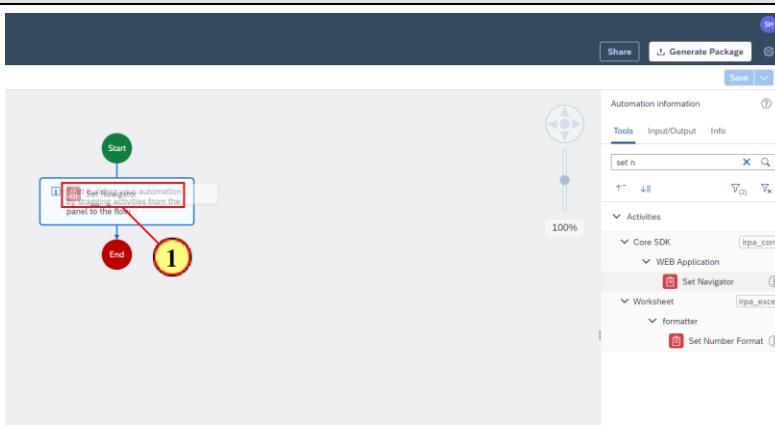
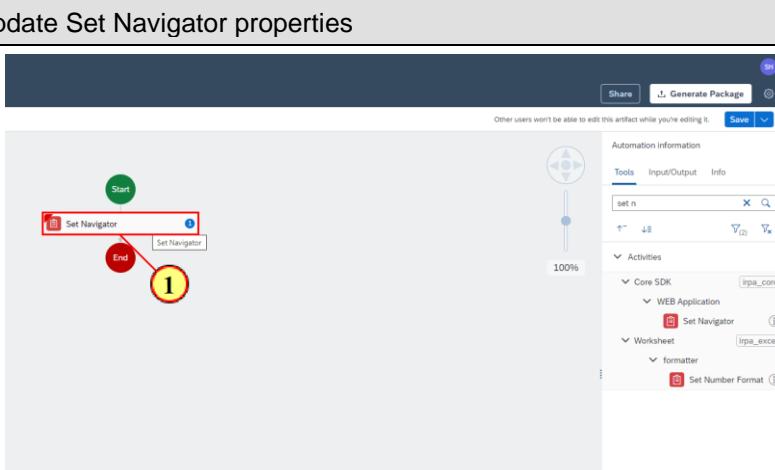
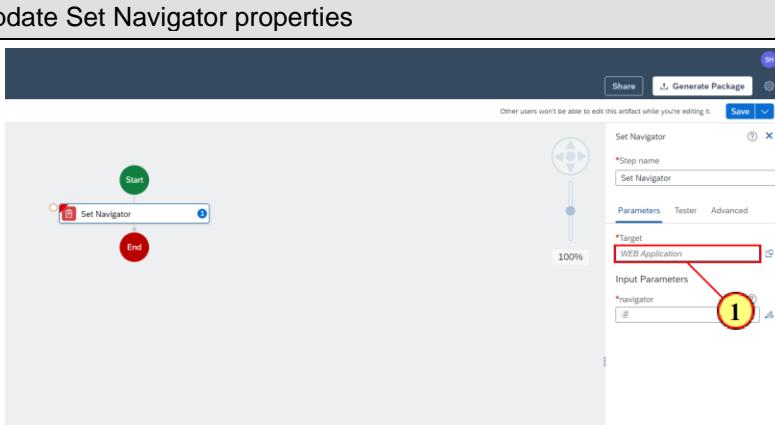
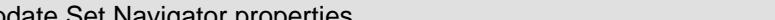
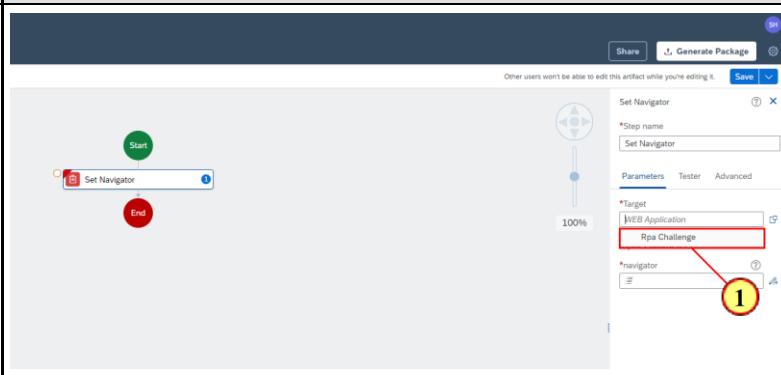
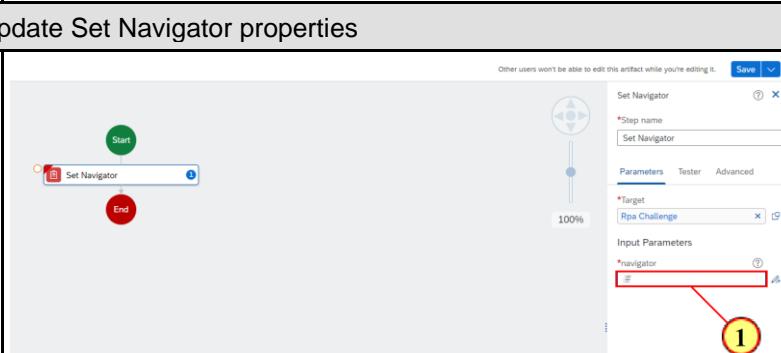
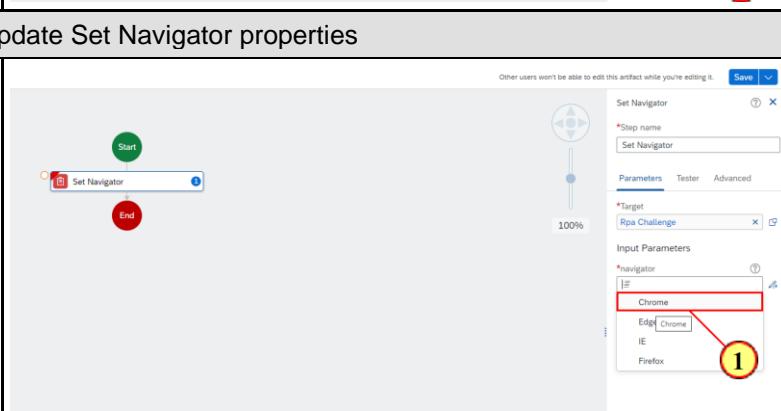
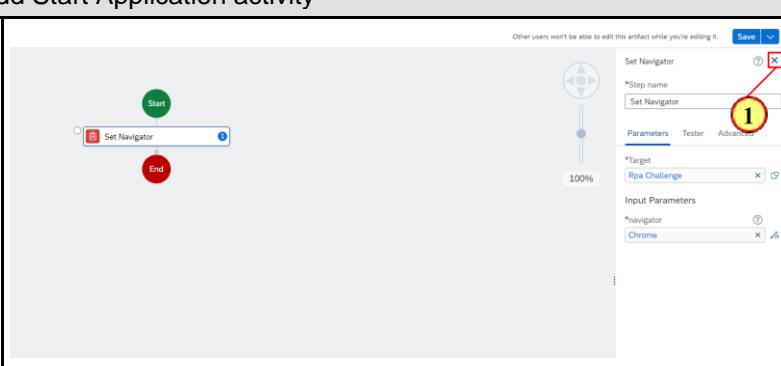


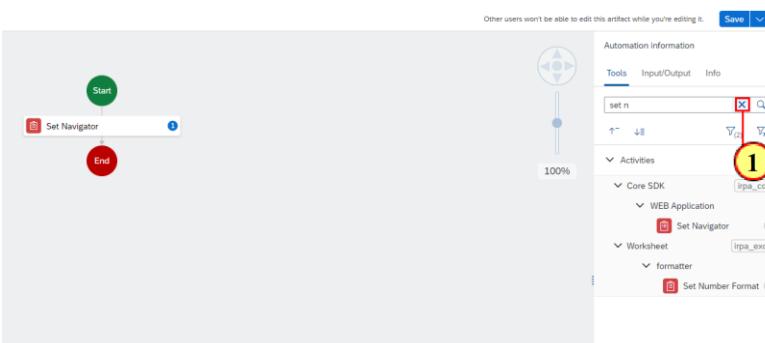
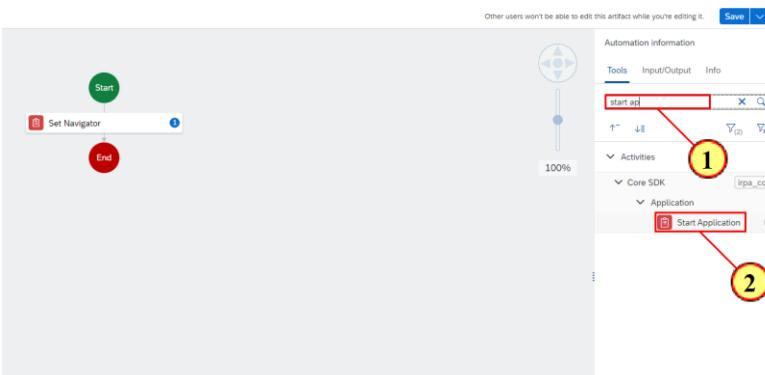
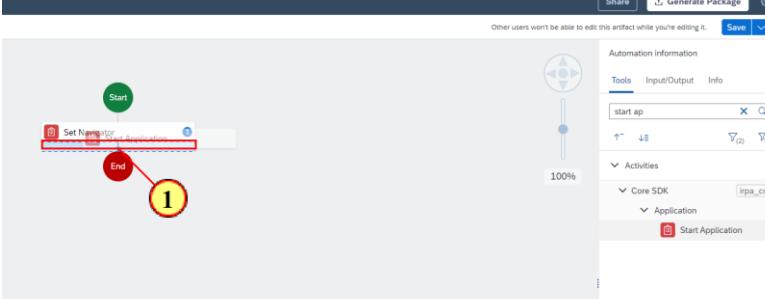
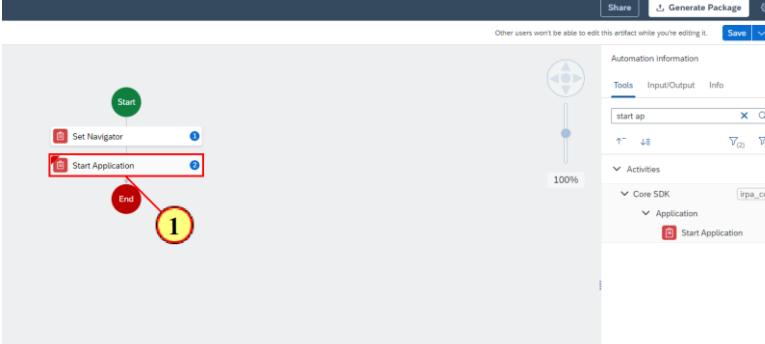
Explanation	Screenshot
<b>RPA Challenge - Cloud Studio – Create Automation</b>	
(1) In SAP Intelligent RPA Cloud Studio, click the <b>Create</b> button on the right-side panel. A dropdown menu opens.	
<b>RPA Challenge - Cloud Studio – Create Automation</b>	
(1) Select <b>Automation</b>	
<b>RPA Challenge - Cloud Studio – Create Automation</b>	
(1) Configure the version of the agent that will execute the automation. Click on the dropdown.	
<b>RPA Challenge - Cloud Studio – Create Automation</b>	

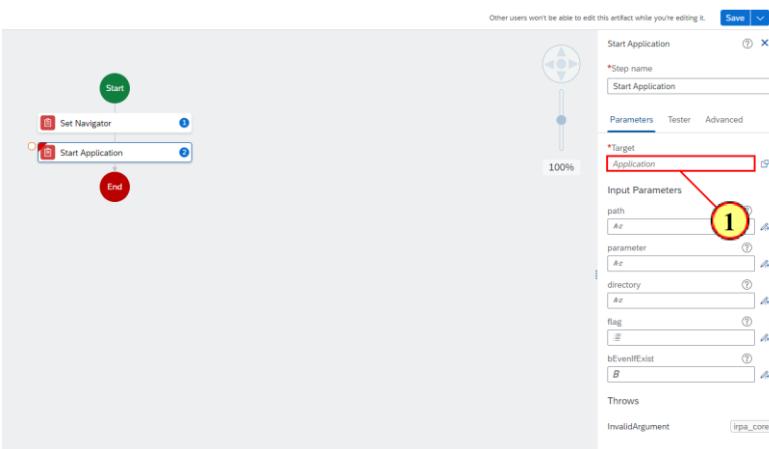
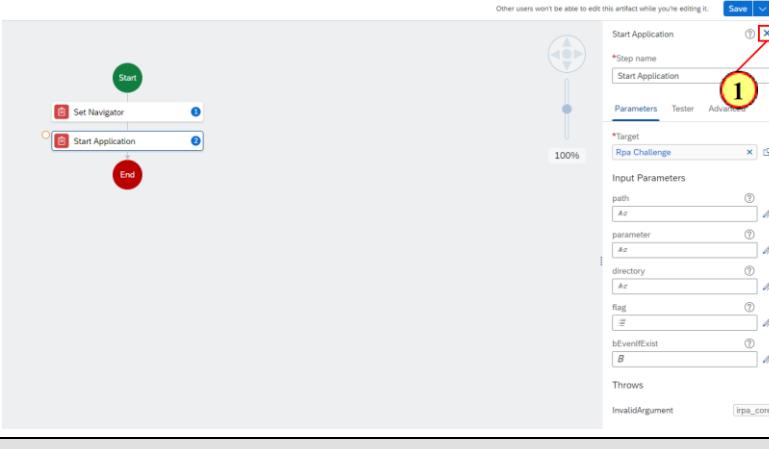
Explanation	Screenshot
(1) Select the version installed in your machine	
(1) Click on <b>Confirm</b>	
(1) Enter a name in the <b>Name</b> field. We will set automation Name to Run RPA Challenge	

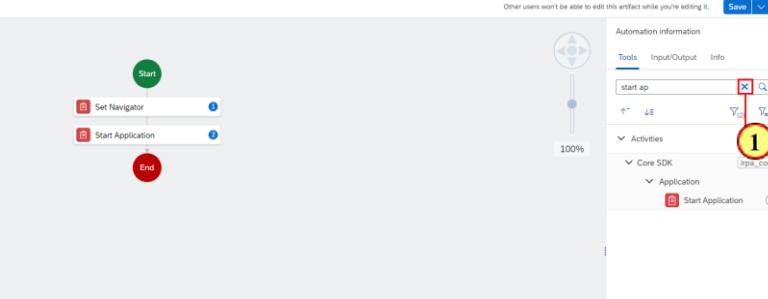
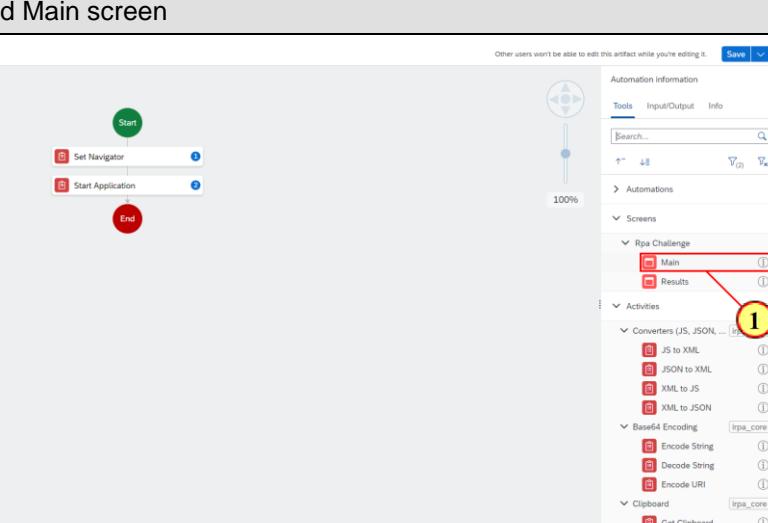
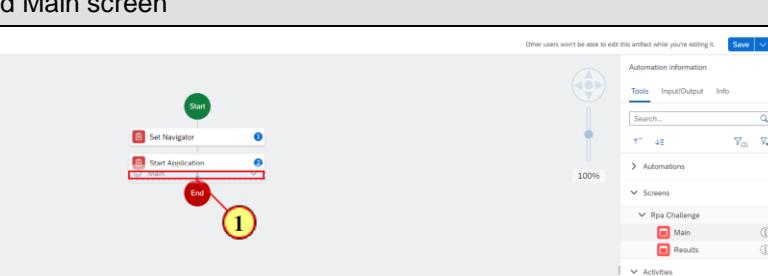
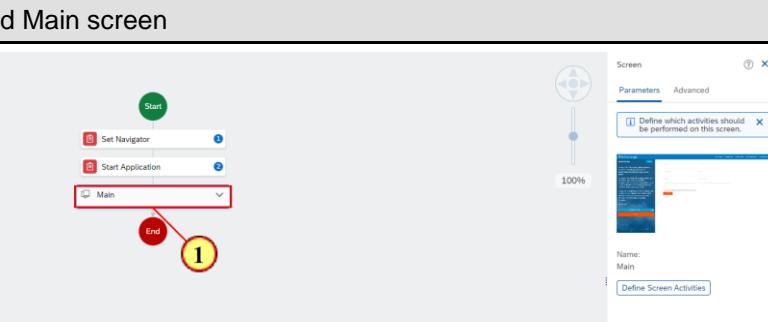
Explanation	Screenshot
RPA Challenge - Cloud Studio – Create Automation	
(1) Click on <b>Create</b>	
 <p>You can now drag and drop activities to build your automation in the Cloud Studio.</p>	
RPA Challenge – Cloud Studio – Add Set Navigator activity	
(1) In <b>Automation Information</b> , search for <b>Set Navigator</b>	
RPA Challenge – Cloud Studio – Add Set Navigator activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Set Navigator activity	

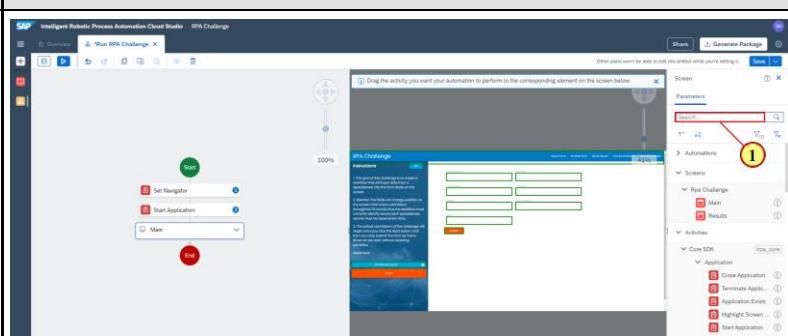
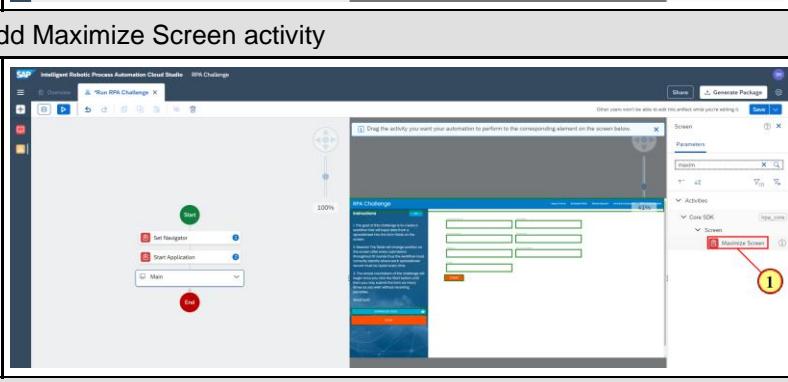
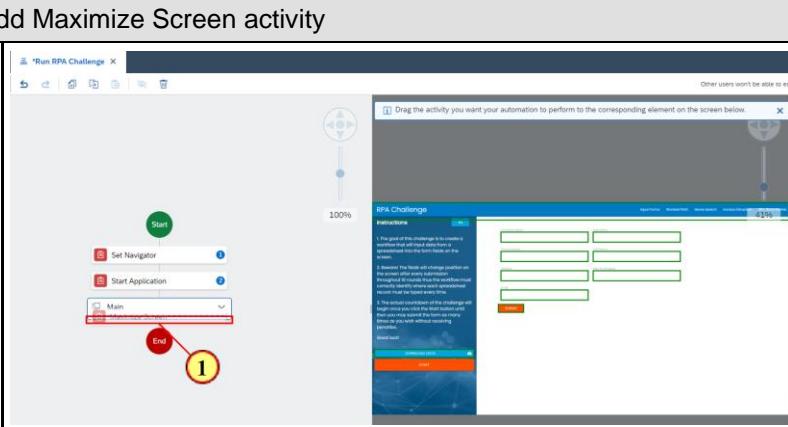
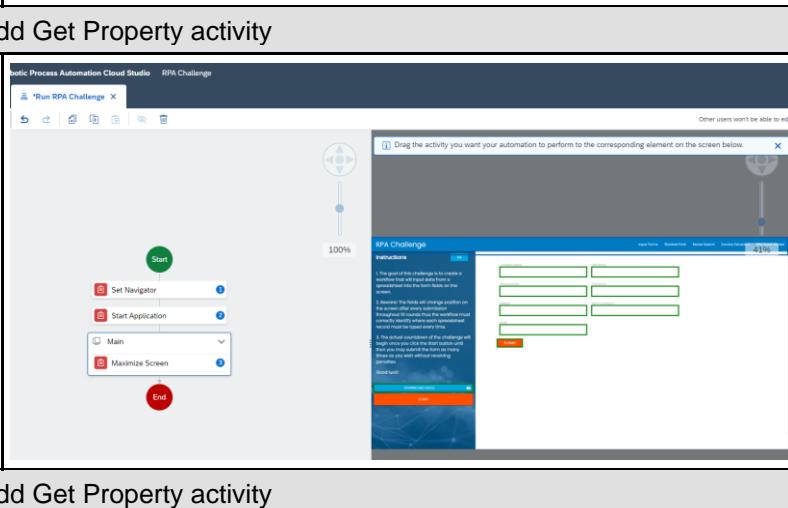
Explanation	Screenshot
(1) Drop it into the workflow	
RPA Challenge – Cloud Studio – Update Set Navigator properties	
(1) Click on the step to set the properties	
RPA Challenge – Cloud Studio – Update Set Navigator properties	

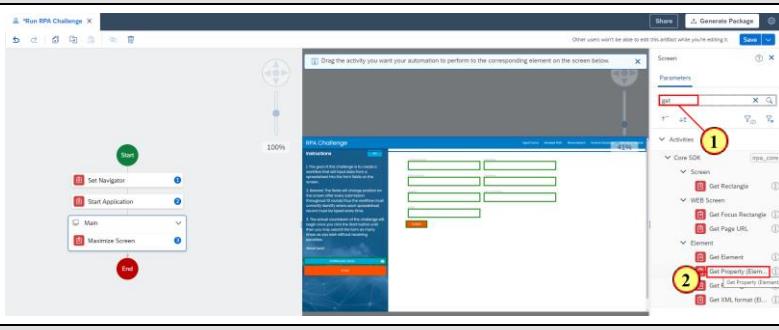
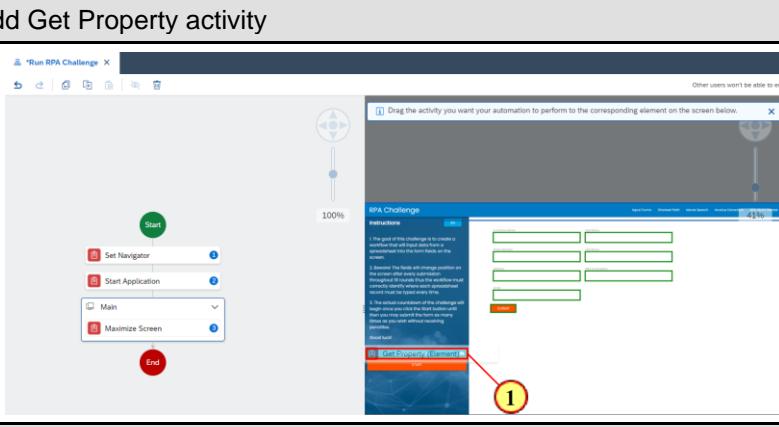
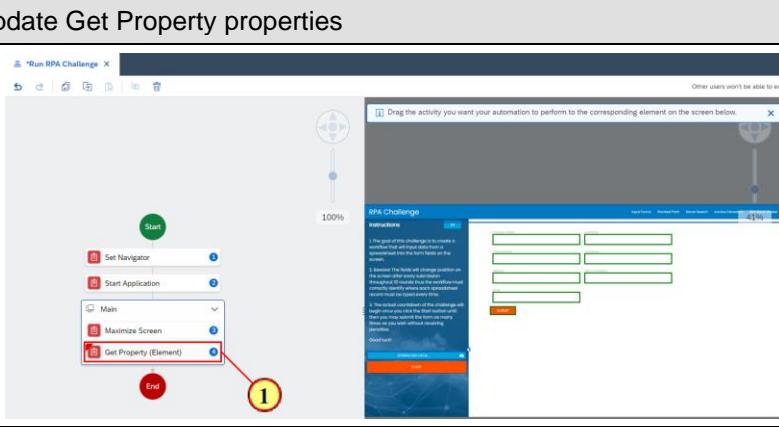
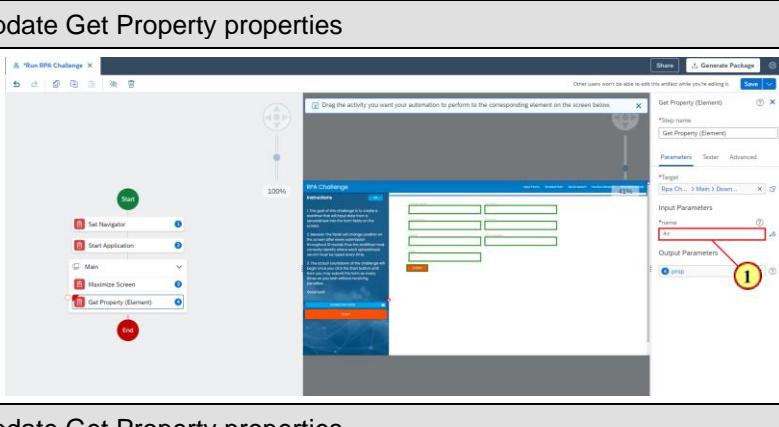
Explanation	Screenshot
(1) Select the <b>Rpa Challenge</b> application	
<b>RPA Challenge – Cloud Studio – Update Set Navigator properties</b>	
(1) Click on the <b>navigator</b> parameter	
<b>RPA Challenge – Cloud Studio – Update Set Navigator properties</b>	
(1) Select <b>Chrome</b>	
<b>RPA Challenge – Cloud Studio – Add Start Application activity</b>	
(1) Close the step properties	
<b>RPA Challenge – Cloud Studio – Add Start Application activity</b>	

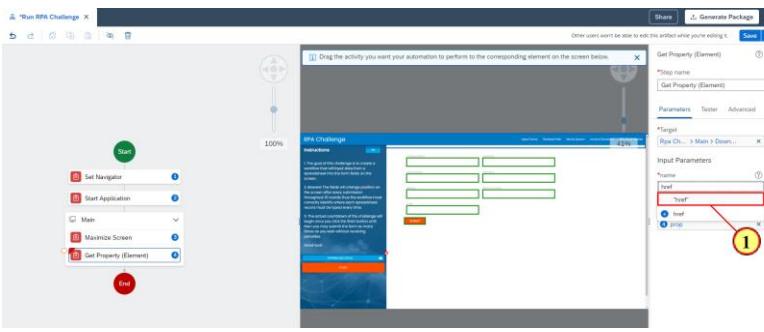
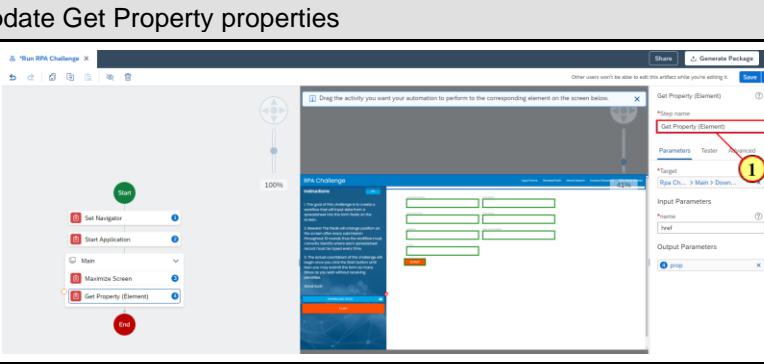
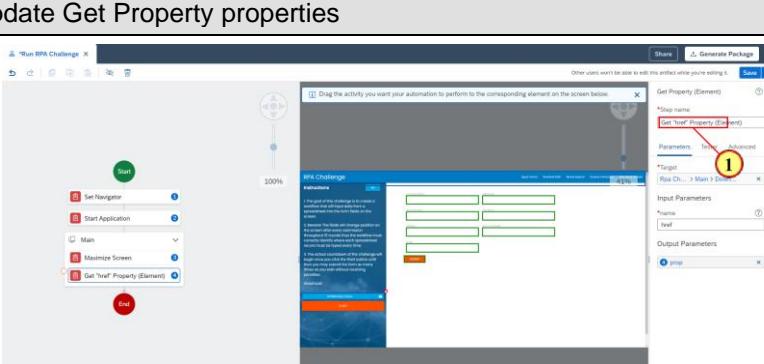
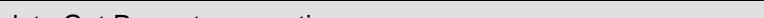
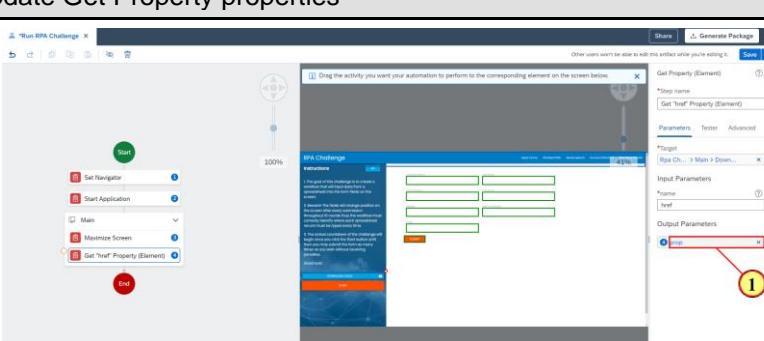
Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Start Application activity	<p data-bbox="142 810 536 844">(1) Search for <b>Start Application</b></p> <p data-bbox="142 878 382 911">(2) Drag the activity</p> 
(1) Drop it into the workflow below the <b>Set Navigator</b> activity	
(1) Click on the step to set the properties	

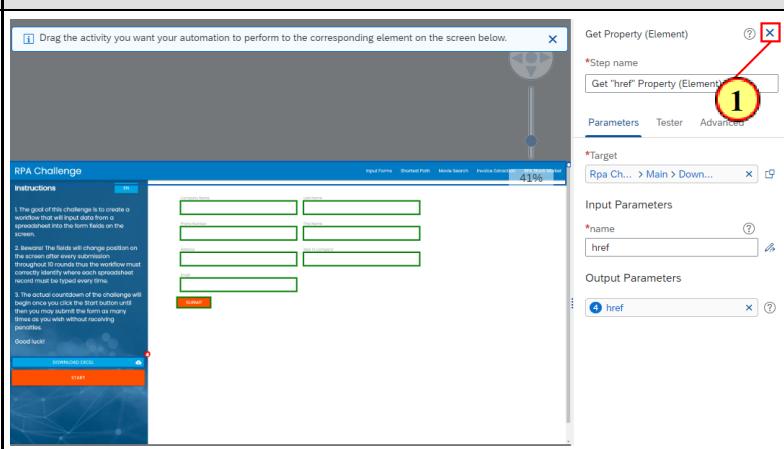
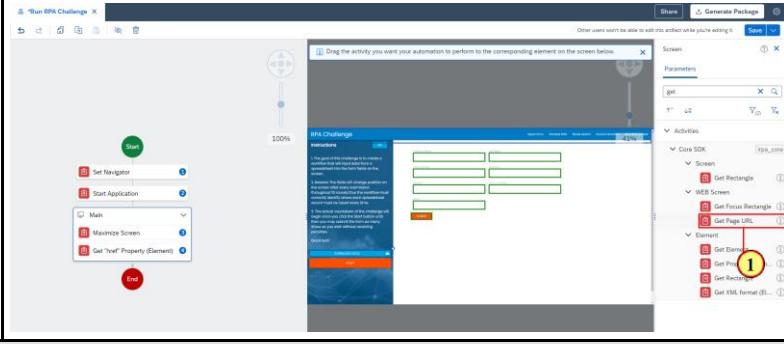
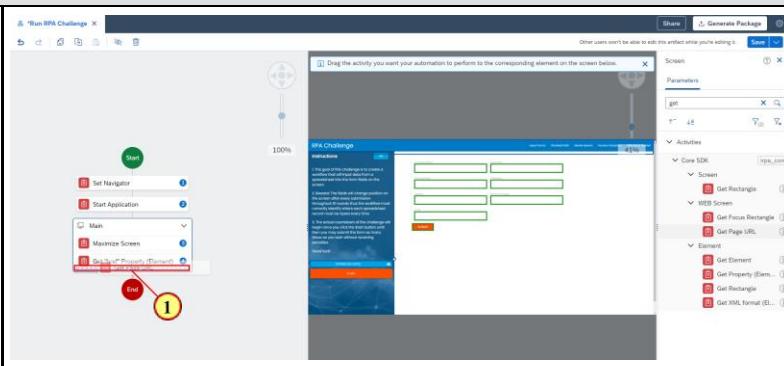
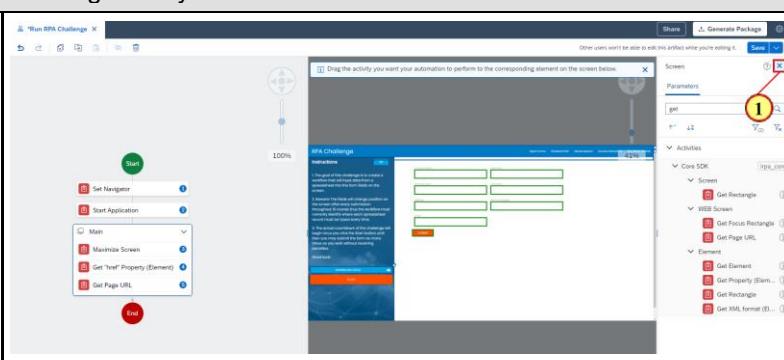
Explanation	Screenshot
RPA Challenge – Cloud Studio – Update Start Application properties	 <p>(1) Click on the <b>Target</b> parameter</p>
RPA Challenge – Cloud Studio – Update Start Application properties	 <p>(1) Select <b>Rpa Challenge</b></p>
RPA Challenge – Cloud Studio – Add Main screen	 <p>(1) Close the step properties</p>
RPA Challenge – Cloud Studio – Add Main screen	

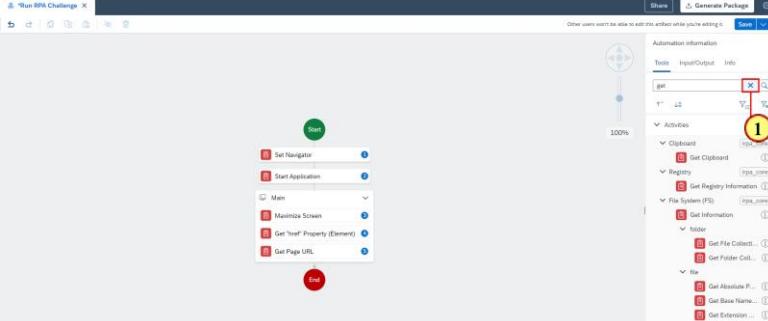
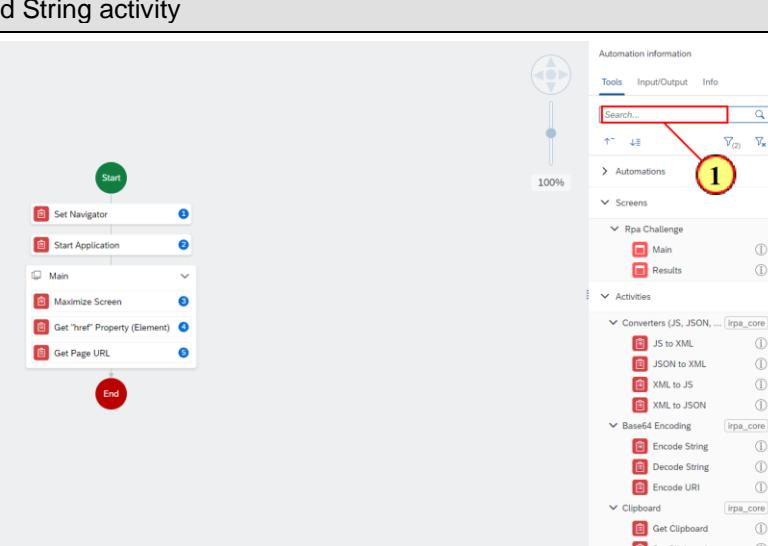
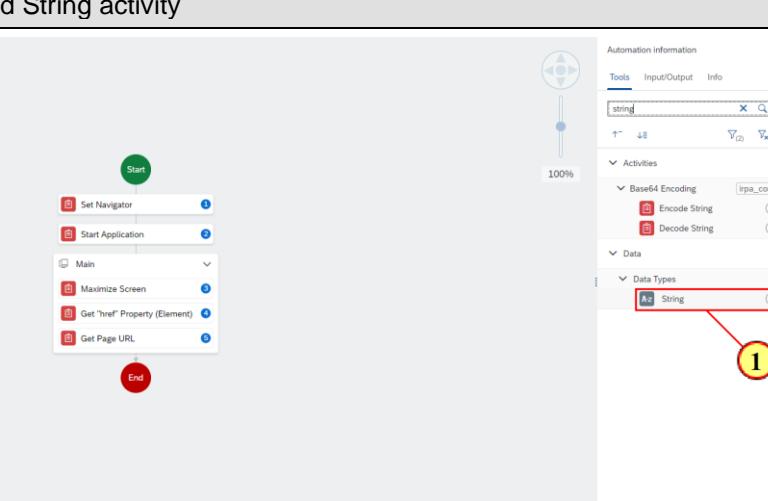
Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Main screen	
(1) In the Screens list in the dropdown menu on the right-hand side panel, drag the Main screen	
(1) Drop it into the workflow below the last activity	
RPA Challenge – Cloud Studio – Add Main screen	
(1) Double-click on the Main screen step to add some activities to it	
RPA Challenge – Cloud Studio – Add Maximize Screen activity	

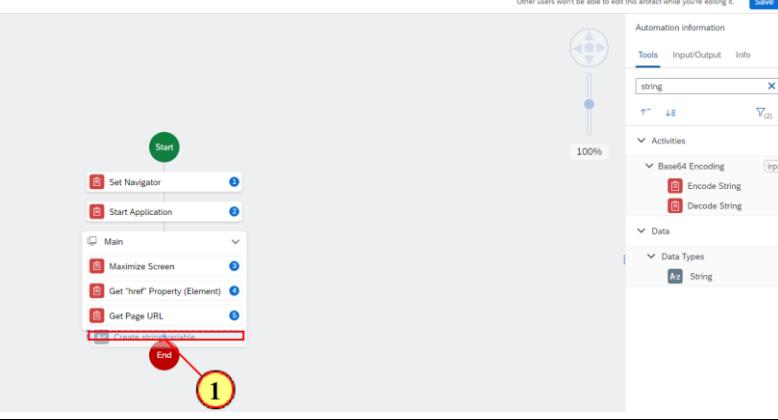
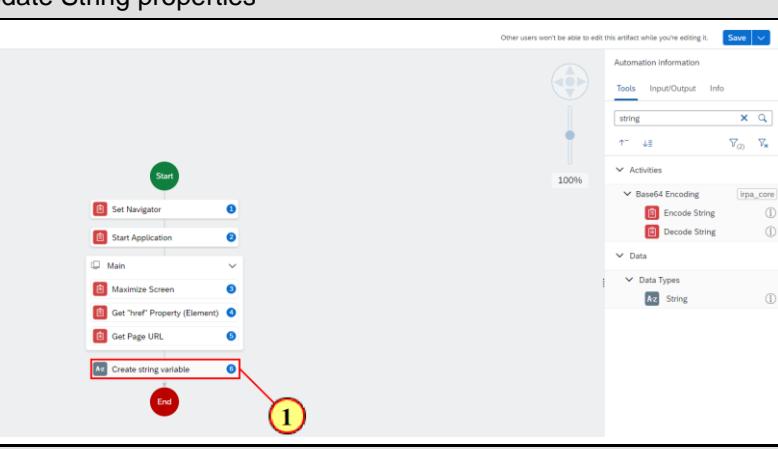
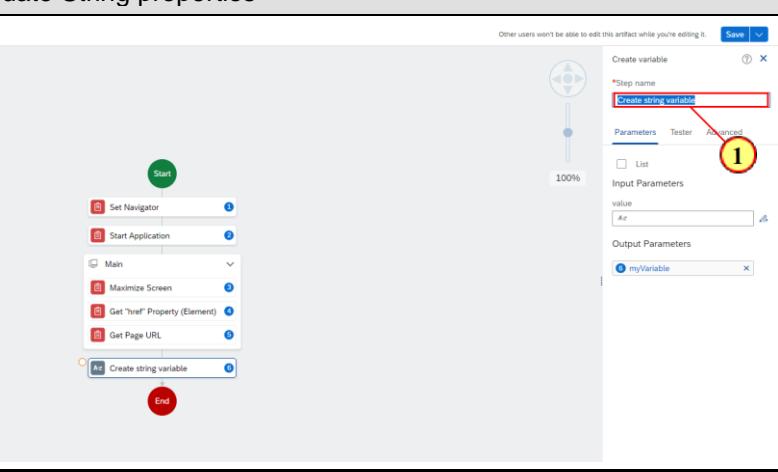
Explanation	Screenshot
(1) In <b>Parameters</b> , search for <b>Maximize Screen</b> activity	
RPA Challenge – Cloud Studio – Add Maximize Screen activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Maximize Screen activity	
(1) Drop it into the workflow, inside the <b>Main</b> screen step	
RPA Challenge – Cloud Studio – Add Get Property activity	

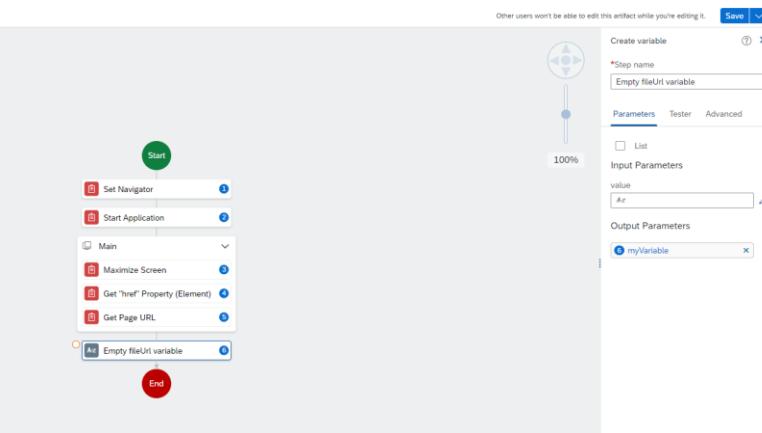
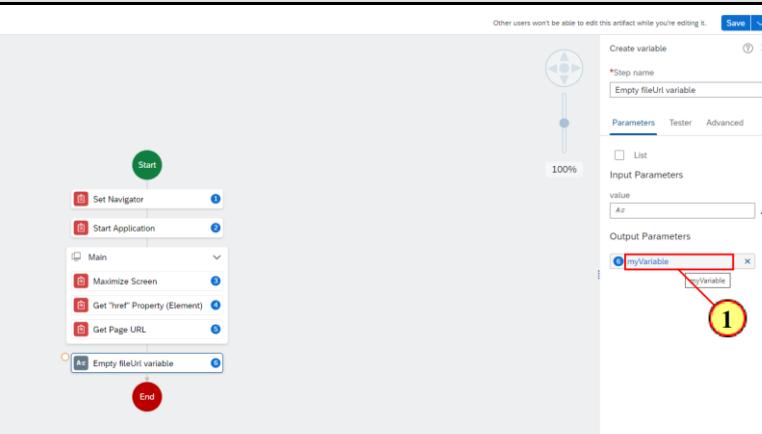
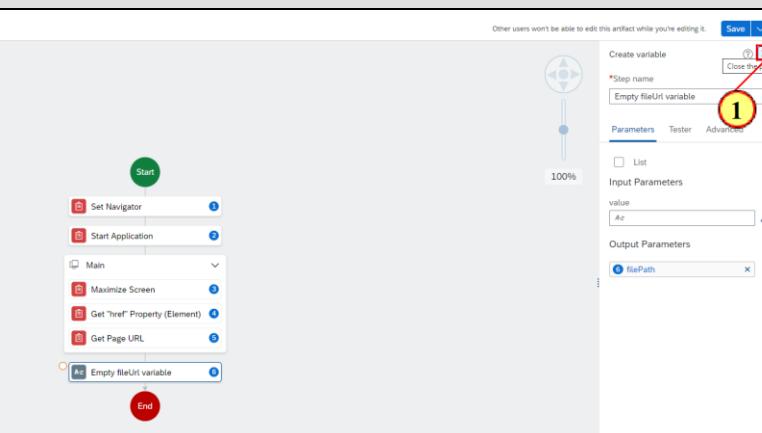
Explanation	Screenshot
<p>(1) Search for <b>Get Property (Element)</b>  (2) Drag the activity</p>	
<p>RPA Challenge – Cloud Studio – Add Get Property activity</p>	
<p>(1) Drop it on the <b>Download</b> element</p>	
<p>RPA Challenge – Cloud Studio – Update Get Property properties</p>	
<p>(1) In the Step Details panel, enter <b>href</b> as the <b>name</b> parameter</p>	

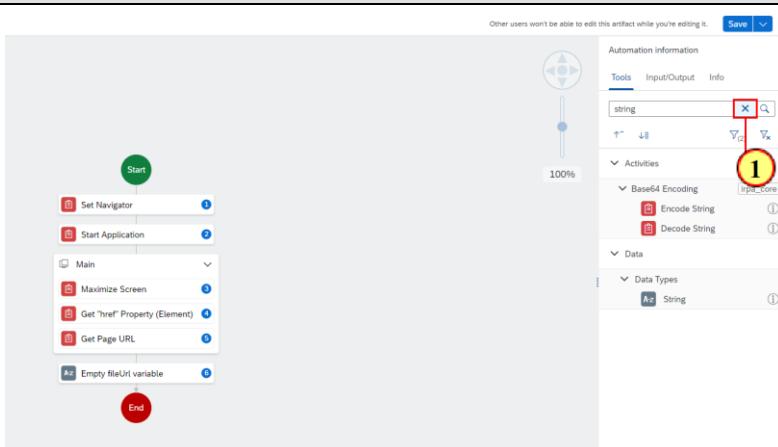
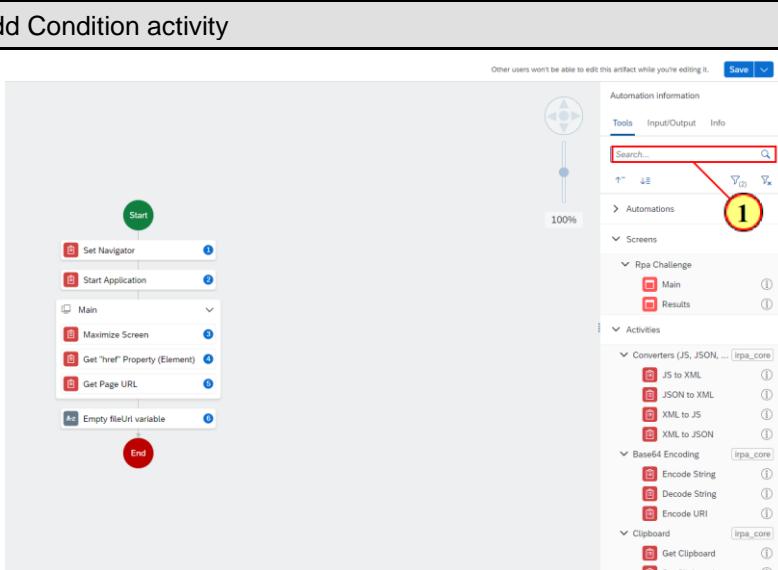
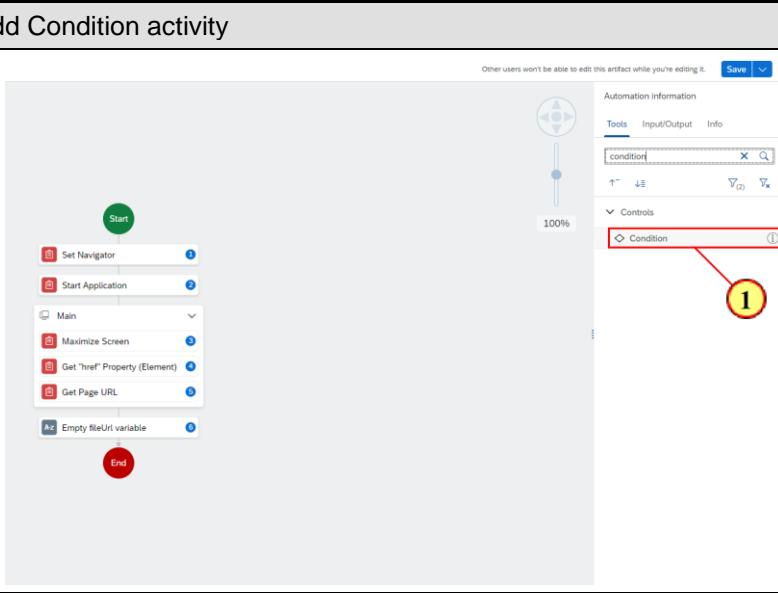
Explanation	Screenshot
(1) Select the string between quotes "href" below	
RPA Challenge – Cloud Studio – Update Get Property properties	
(1) Click between Get & Property	
RPA Challenge – Cloud Studio – Update Get Property properties	
(1) Add "href" to the Step name   Changing the step name will not change the behavior of the automation.  It helps understand the steps in the workflow.	
RPA Challenge – Cloud Studio – Add Get Page activity	

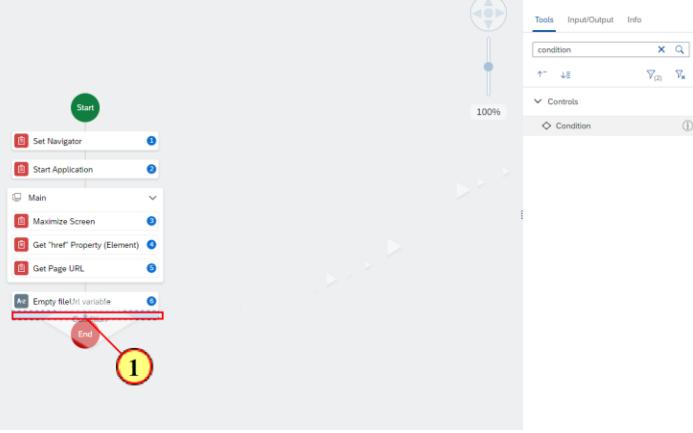
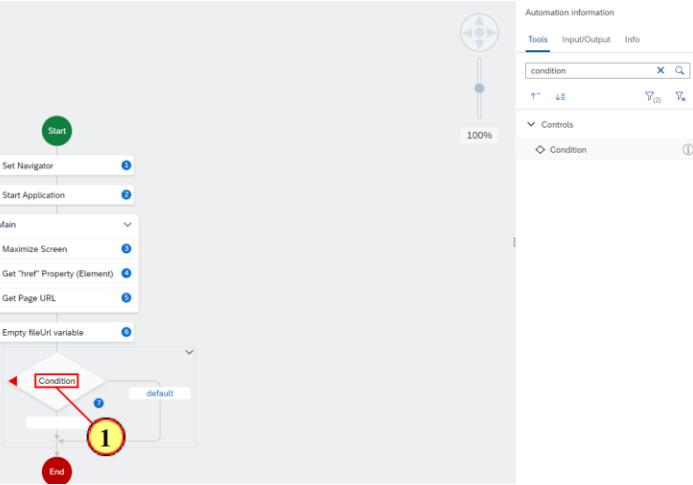
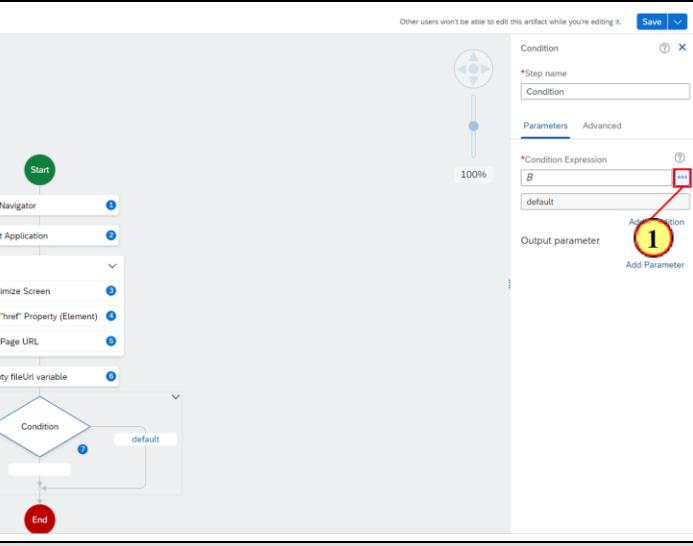
Explanation	Screenshot
(1) Close the activity properties panel	
<b>RPA Challenge – Cloud Studio – Add Get Page activity</b>  Without clearing the search field (1) Drag the <b>Get Page URL</b> activity	
<b>RPA Challenge – Cloud Studio – Add Get Page activity</b> (1) Drop it into the workflow inside the <b>Main</b> screen	
<b>RPA Challenge – Cloud Studio – Add String activity</b> (1) Close the <b>Screen</b> panel	

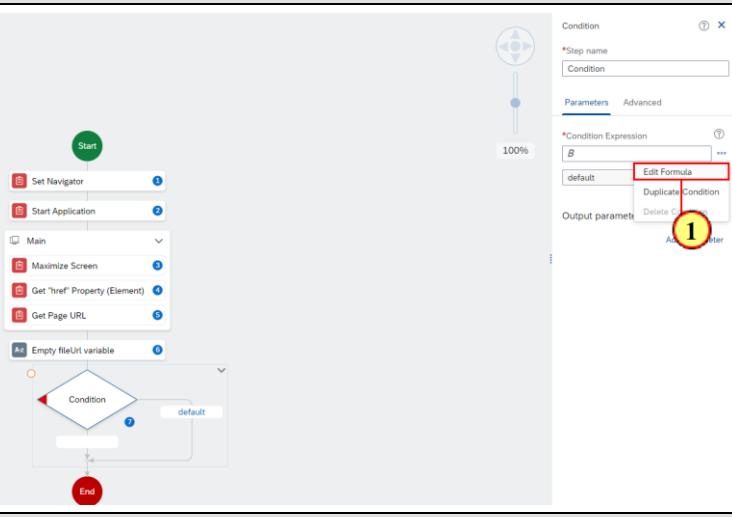
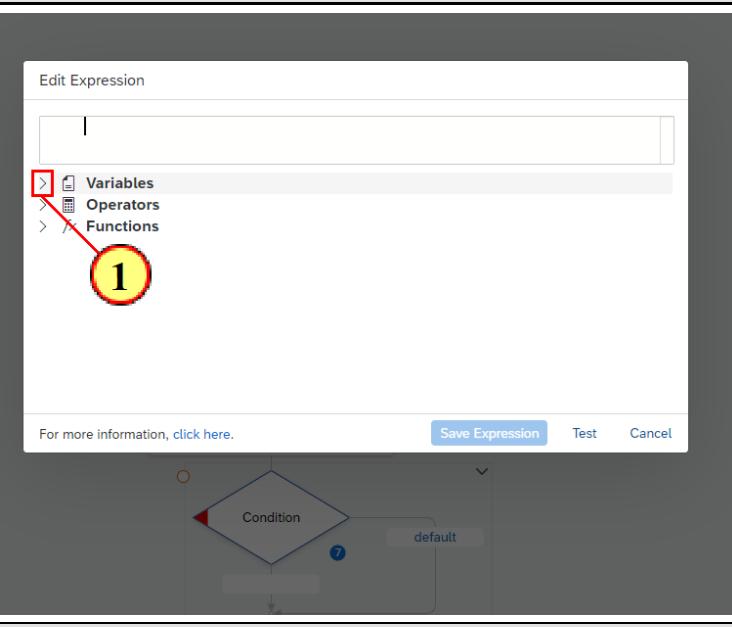
Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add String activity	
(1) Search for the <b>String</b> activity	
RPA Challenge – Cloud Studio – Add String activity	

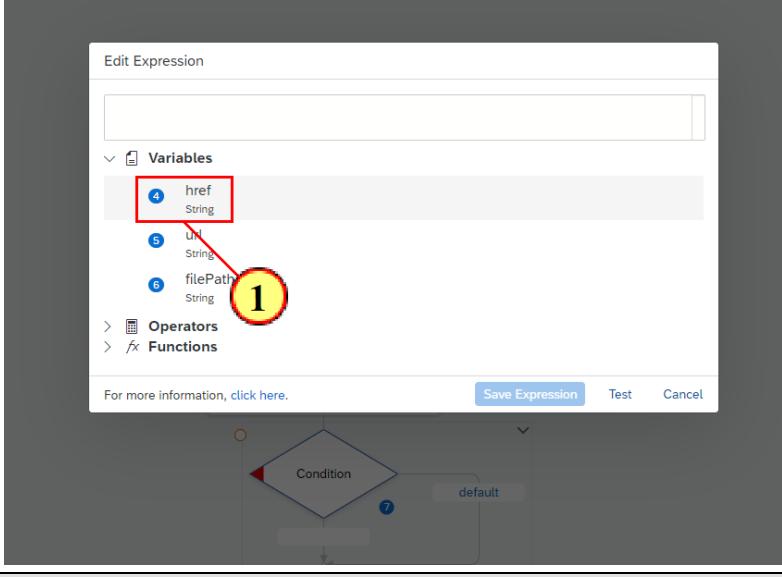
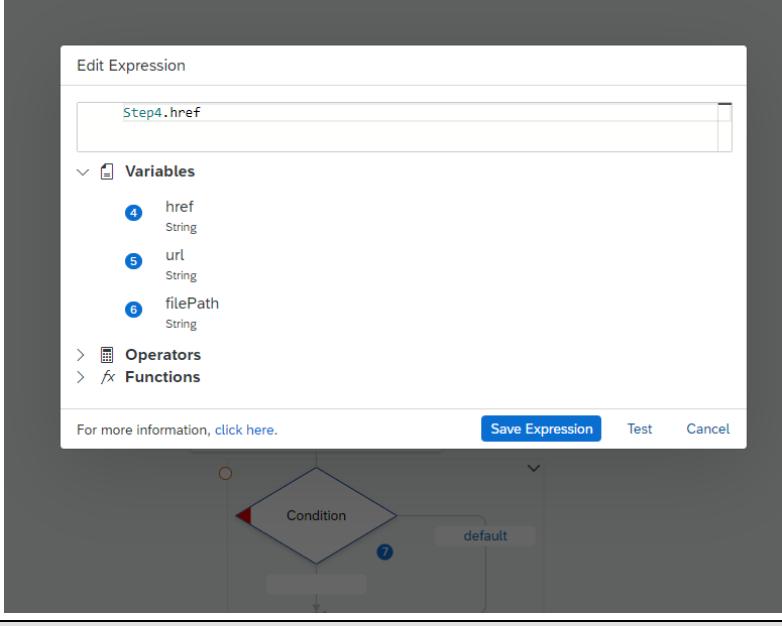
Explanation	Screenshot
(1) Drop it into the workflow after the <b>Main</b> screen	
RPA Challenge – Cloud Studio – Update String properties	
(1) Set the <b>Step name</b> to Empty fileUrl variable	
RPA Challenge – Cloud Studio – Update String properties	

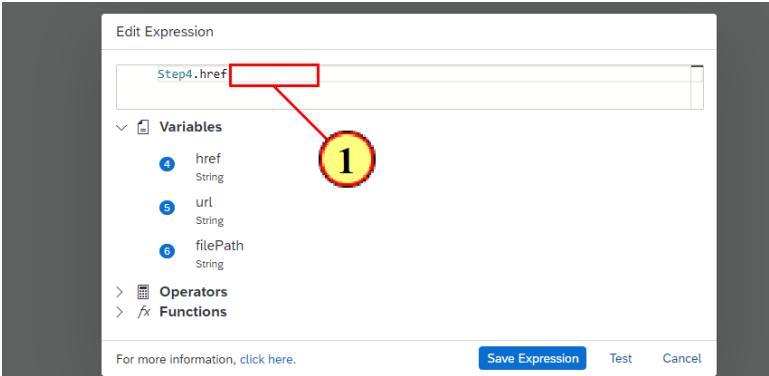
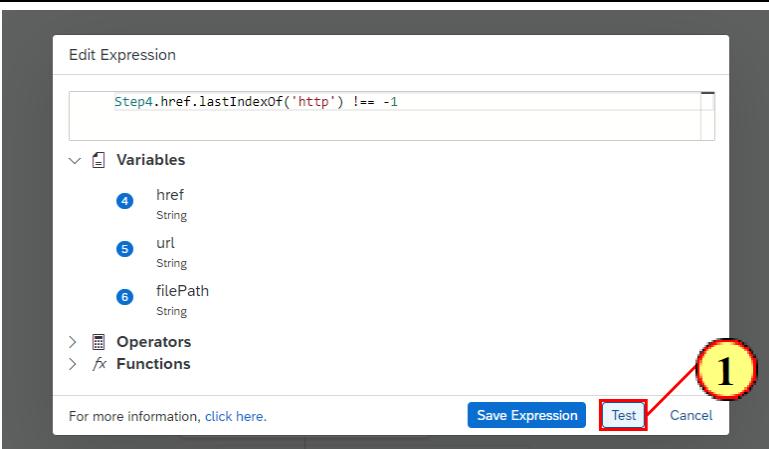
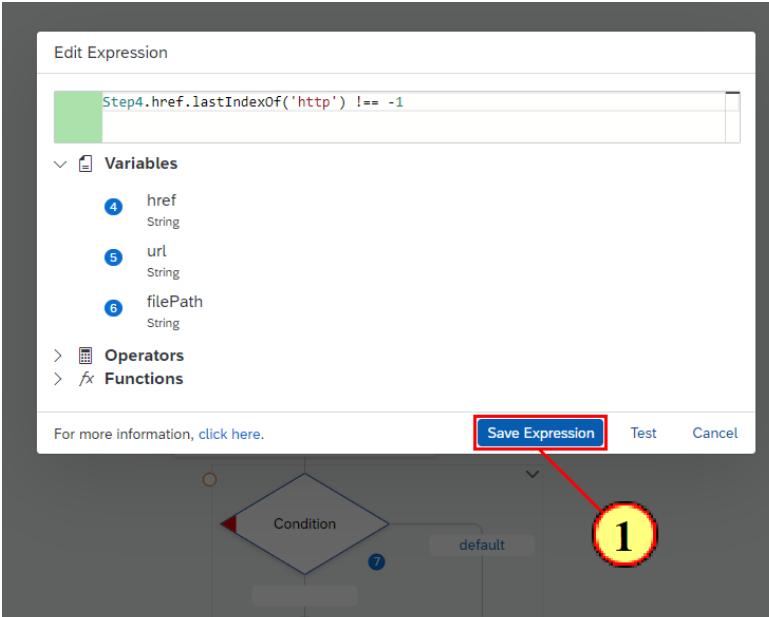
Explanation	Screenshot
	
RPA Challenge – Cloud Studio – Update String properties	
<p>(1) Click on the <b>Output Parameters</b>' field and replace the variable name with <b>filePath</b></p>	
RPA Challenge – Cloud Studio – Add Condition activity	
<p>(1) Close the step properties</p>	
RPA Challenge – Cloud Studio – Add Condition activity	

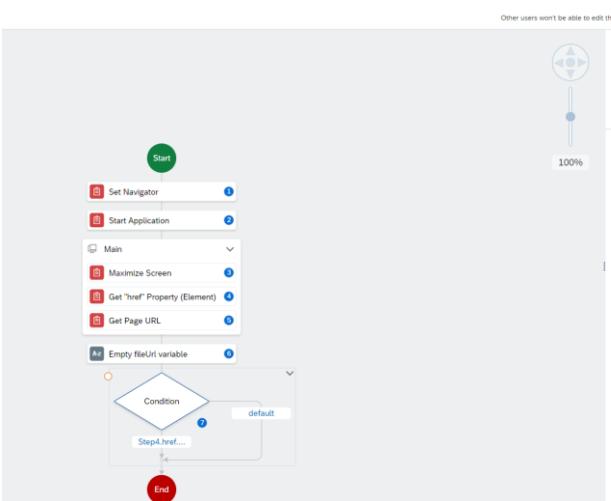
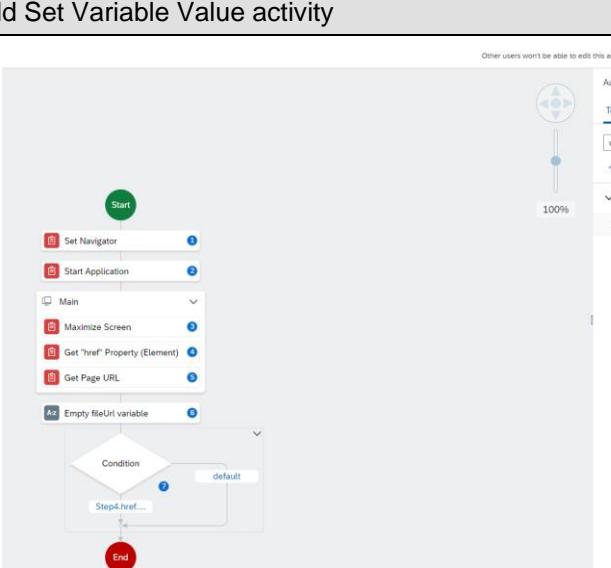
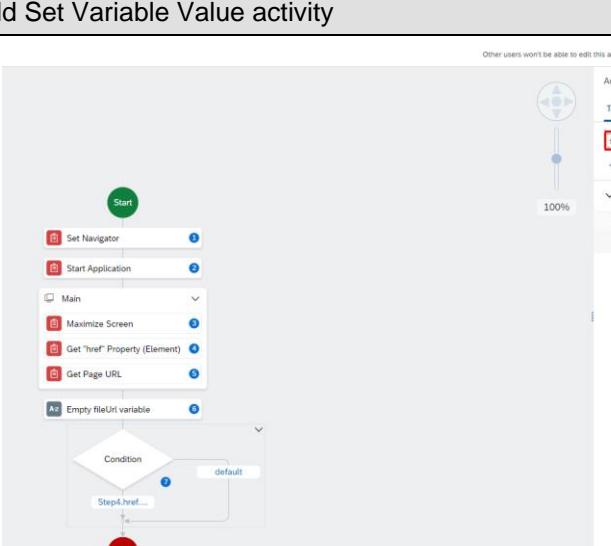
Explanation	Screenshot
(1) Clear the search field	 <p>The screenshot shows a RPA challenge workflow in Cloud Studio. The sidebar on the right contains an 'Activities' section with 'Base64 Encoding' and 'Data Types'. A red box highlights the search bar at the top of the sidebar, and a yellow circle with the number '1' points to it.</p>
RPA Challenge – Cloud Studio – Add Condition activity	 <p>The screenshot shows a RPA challenge workflow in Cloud Studio. The sidebar on the right contains an 'Activities' section with various converters and encodings. A red box highlights the search bar at the top of the sidebar, and a yellow circle with the number '1' points to it.</p>
(1) Drag the activity	 <p>The screenshot shows a RPA challenge workflow in Cloud Studio. The sidebar on the right contains a 'Controls' section with a 'Condition' activity. A red box highlights the search bar at the top of the sidebar, and a yellow circle with the number '1' points to the 'Condition' activity in the sidebar.</p>
RPA Challenge – Cloud Studio – Add Condition activity	

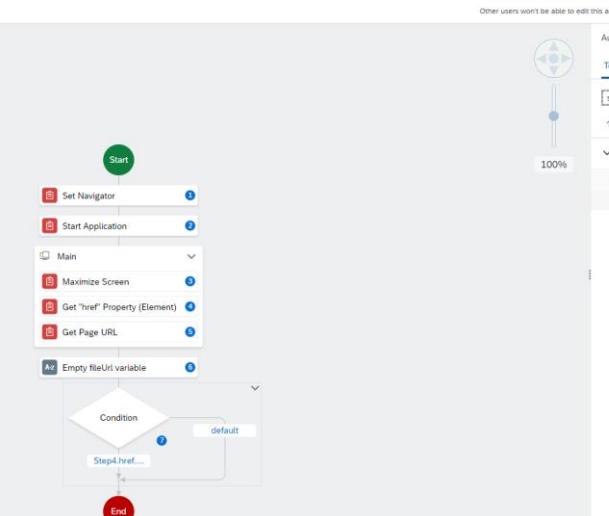
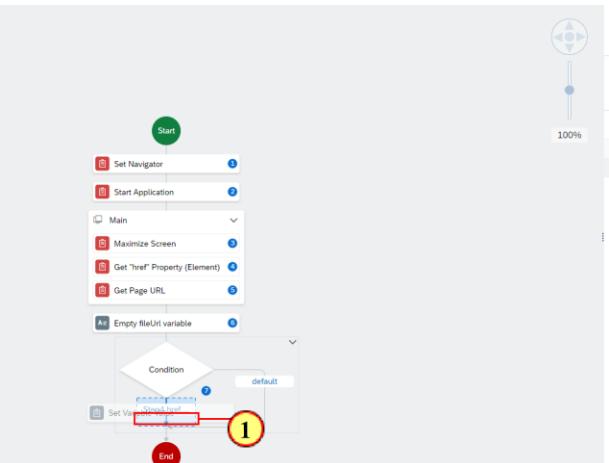
Explanation	Screenshot
<p>(1) Drop it into the workflow after the last activity</p> <p> The arrow should color itself blue while doing so.</p>	
<p>RPA Challenge – Cloud Studio – Update Condition properties</p>	
<p>(1) Click on the <b>Condition</b> to open the side panel</p>	
<p>RPA Challenge – Cloud Studio – Update Condition properties</p>	

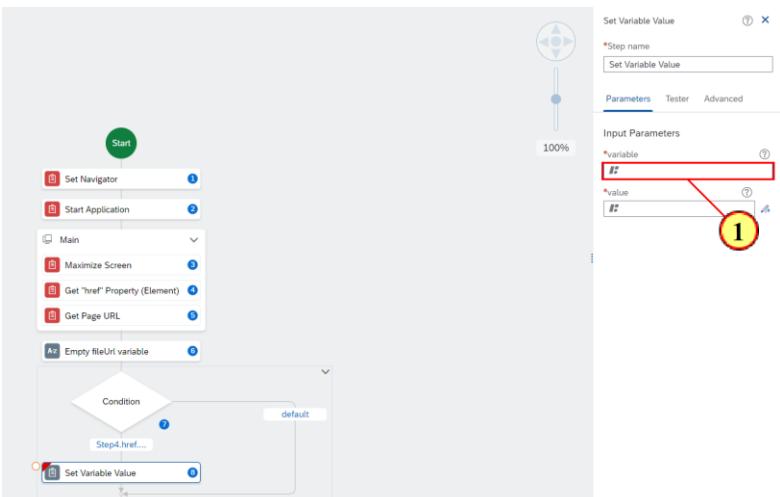
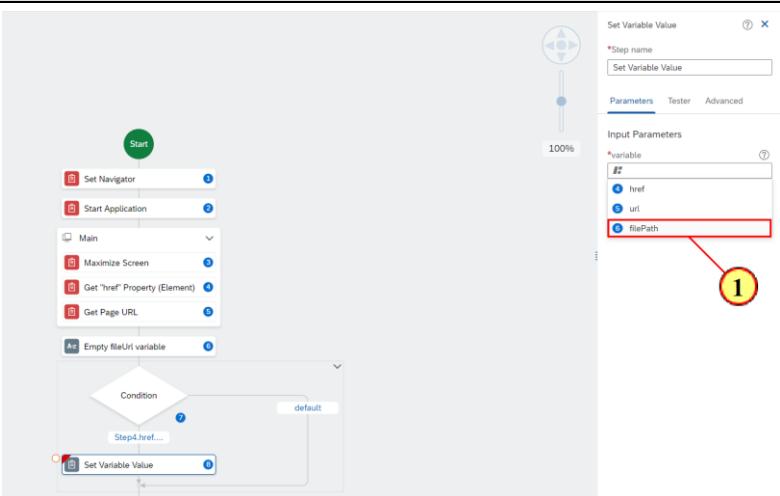
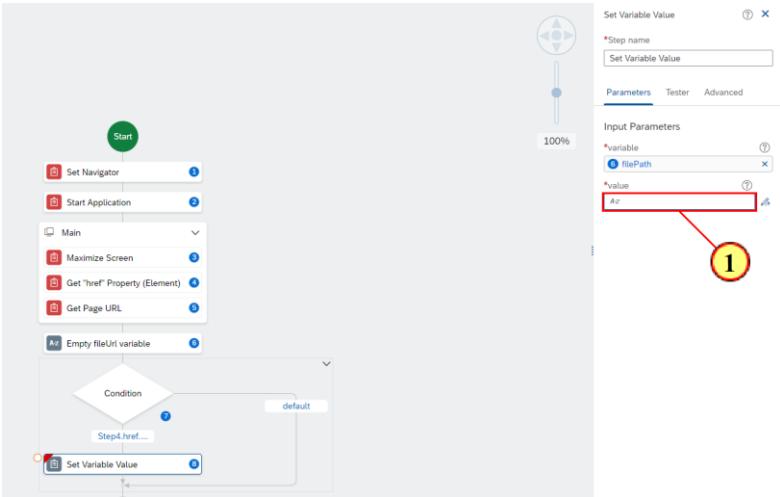
Explanation	Screenshot
(1) Select <b>Edit Formula</b>	 <p>The screenshot shows a RPA flowchart starting with a 'Start' node, followed by 'Set Navigator' and 'Start Application' steps. A 'Main' section contains 'Maximize Screen', 'Get 'href' Property (Element)', and 'Get Page URL' steps. An 'Empty fileUrl variable' step follows. A condition step is present, leading to a 'default' block and an 'End' node. The 'Condition' properties panel is open, displaying a condition expression 'B'. The 'Edit Formula' button is highlighted with a red box and a yellow circle labeled '1'.</p>
RPA Challenge – Cloud Studio – Update Condition properties	
(1) Expand the <b>Variables</b> section	 <p>The screenshot shows the 'Edit Expression' dialog box. It has a tree view with 'Variables' expanded, showing 'Operators' and 'Functions' below it. A red box highlights the 'Variables' section, and a yellow circle labeled '1' points to the expanded tree. The dialog also includes a 'Save Expression' button, a 'Test' button, and a 'Cancel' button.</p>
RPA Challenge – Cloud Studio – Update Condition properties	

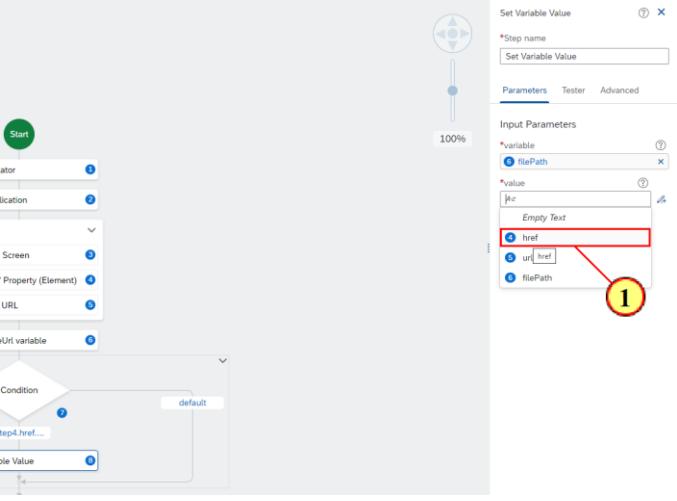
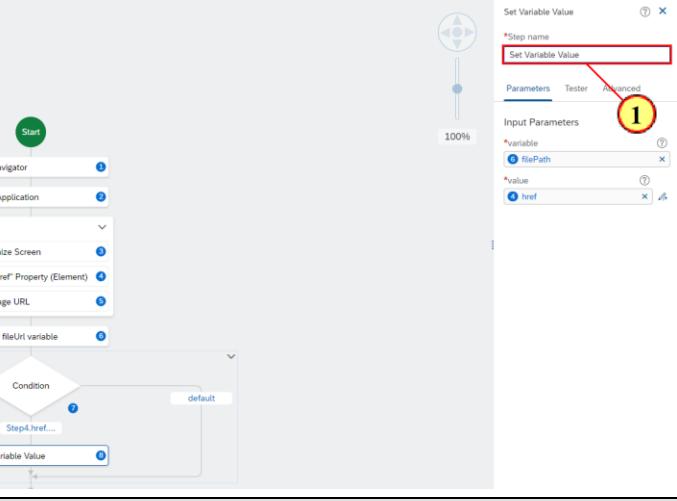
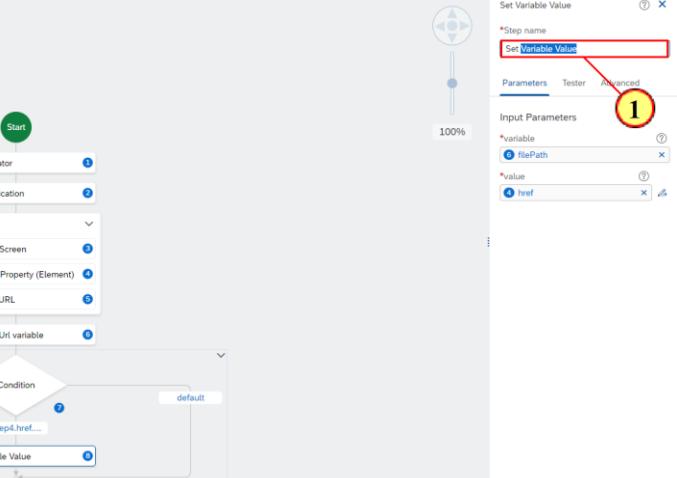
Explanation	Screenshot
(1) Select the href variable	
RPA Challenge – Cloud Studio – Update Condition properties	
<p> The Expression should look like this.</p>	
RPA Challenge – Cloud Studio – Update Condition properties	

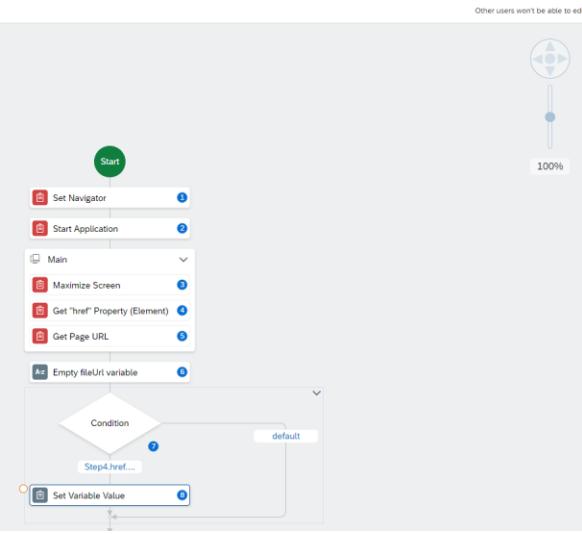
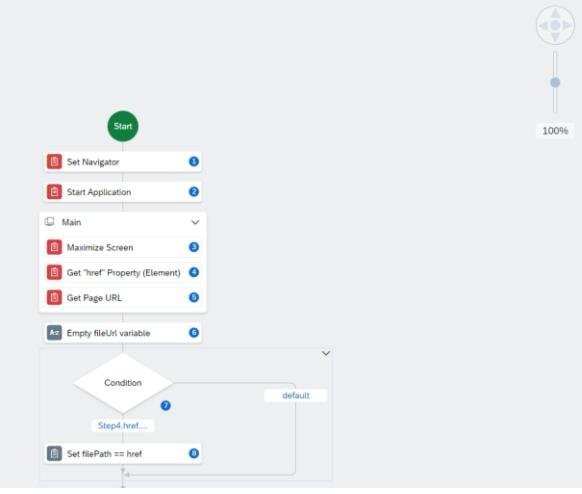
Explanation	Screenshot
<p>(1) Now add to the expression: `.lastIndexOf('http') !== -1</p> <p> This expression is used to check if href contains an HTTP url</p>	
<p>RPA Challenge – Cloud Studio – Update Condition properties</p> <p>(1) Click on <b>Test</b> to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
<p>RPA Challenge – Cloud Studio – Update Condition properties</p> <p>(1) Click on <b>Save Expression</b></p>	
<p>RPA Challenge – Cloud Studio – Add Set Variable Value activity</p>	

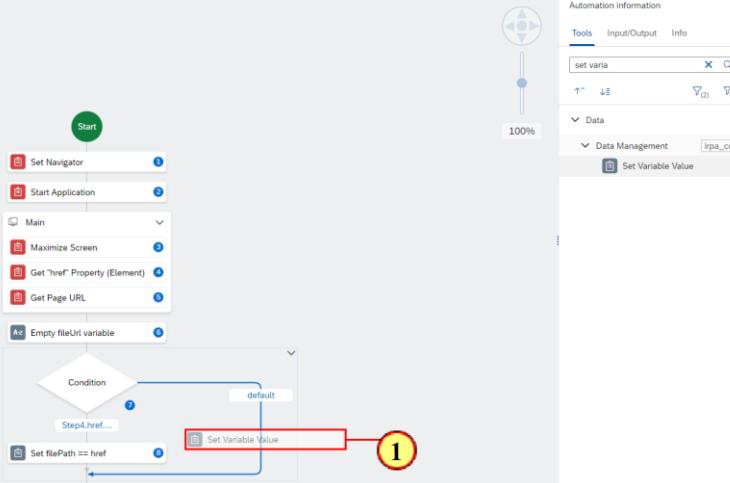
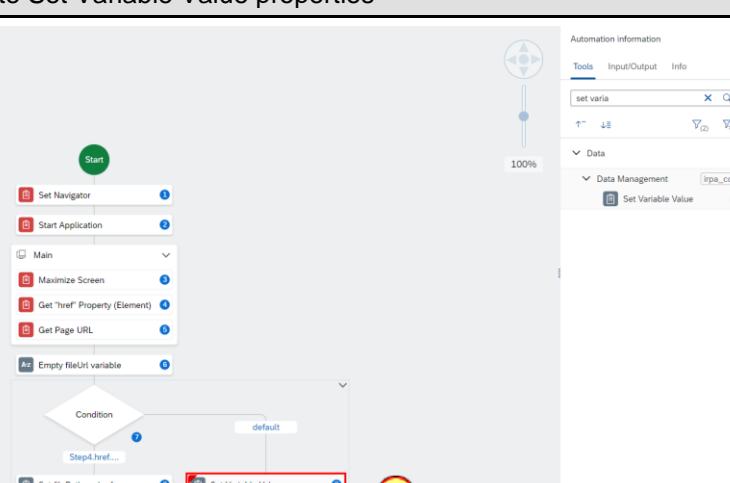
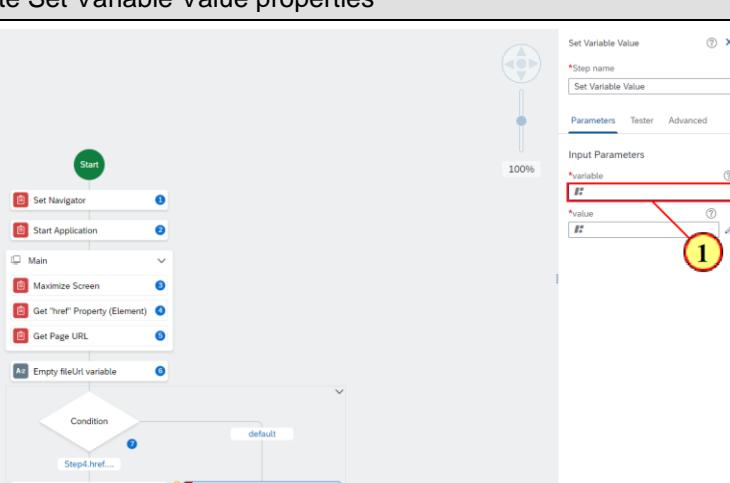
Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Add Set Variable Value activity	
(1) Search for the Set Variable Value activity	

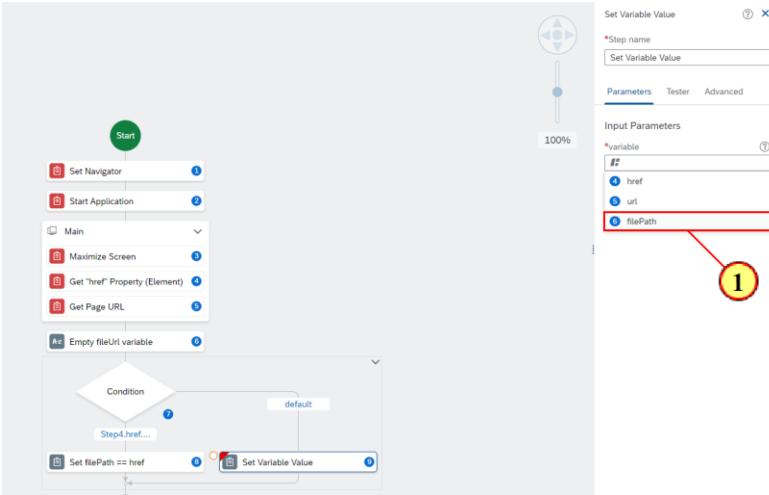
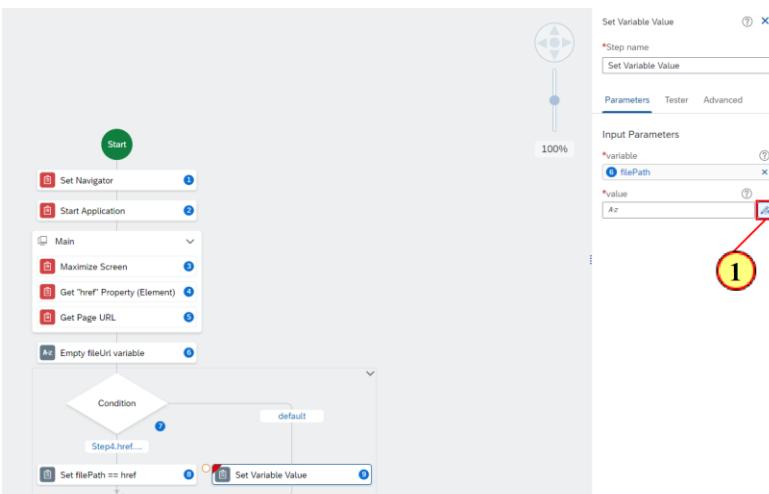
Explanation	Screenshot
RPA Challenge – Cloud Studio – Add Set Variable Value activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Set Variable Value activity	
(1) Drop it into the workflow, in the <b>main branch (condition true)</b>	
<p>The arrow should color itself blue while doing so.</p> 	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
<p>(1) Click on the activity to set the properties</p>	

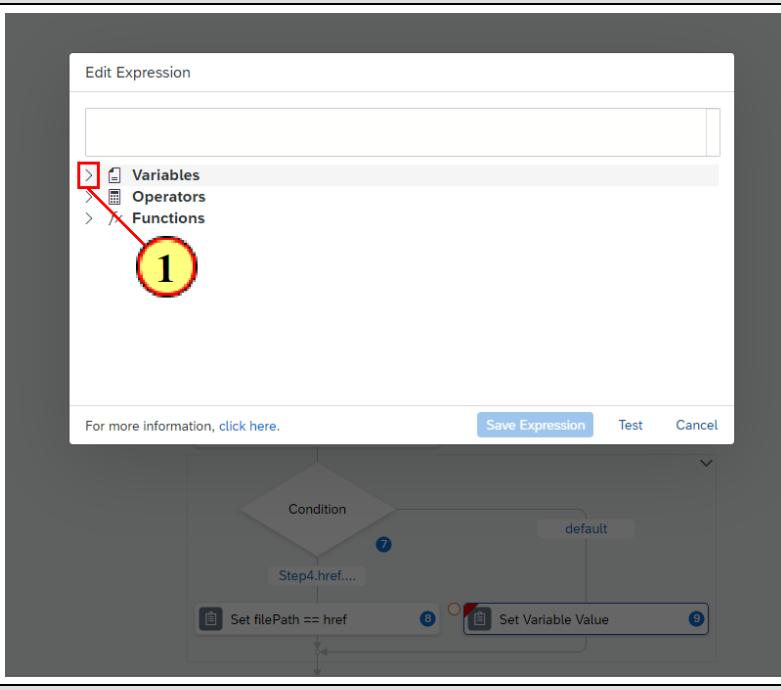
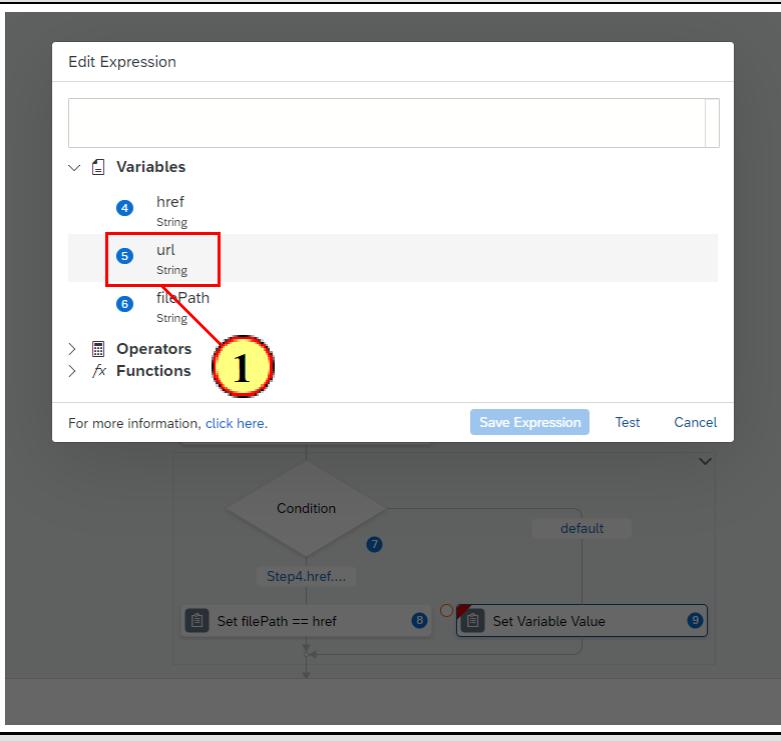
Explanation	Screenshot
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
(1) Click on the <b>variable</b> parameter	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
(1) Select the variable <b>filePath</b>	
(1) Click on the <b>value</b> parameter	

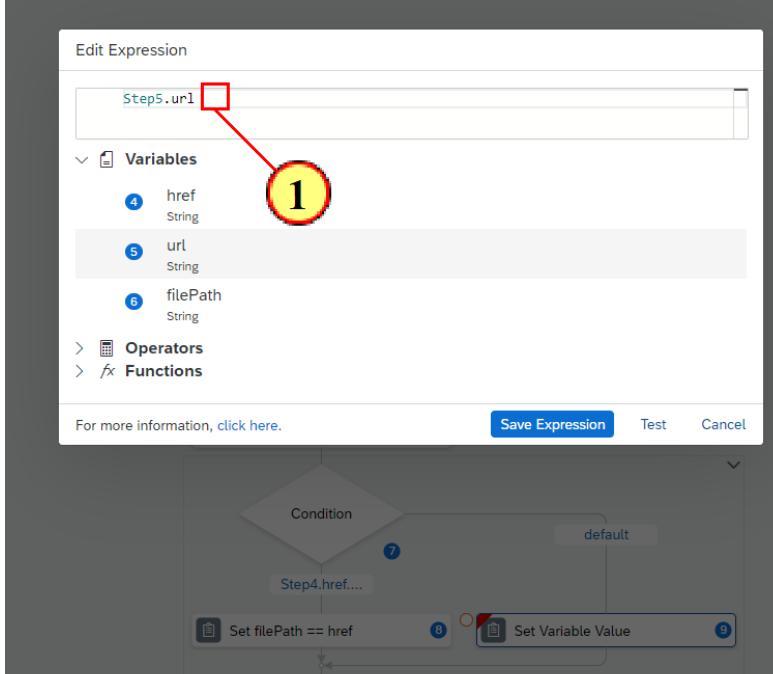
Explanation	Screenshot
<p>RPA Challenge – Cloud Studio – Update Set Variable Value properties</p> <p>(1) Select the variable href</p>	
<p>RPA Challenge – Cloud Studio – Update Set Variable Value properties</p> <p>(1) Click on the Step name</p>	
<p>RPA Challenge – Cloud Studio – Update Set Variable Value properties</p> <p>(1) Enter the Step name as Set filePath == href</p>	

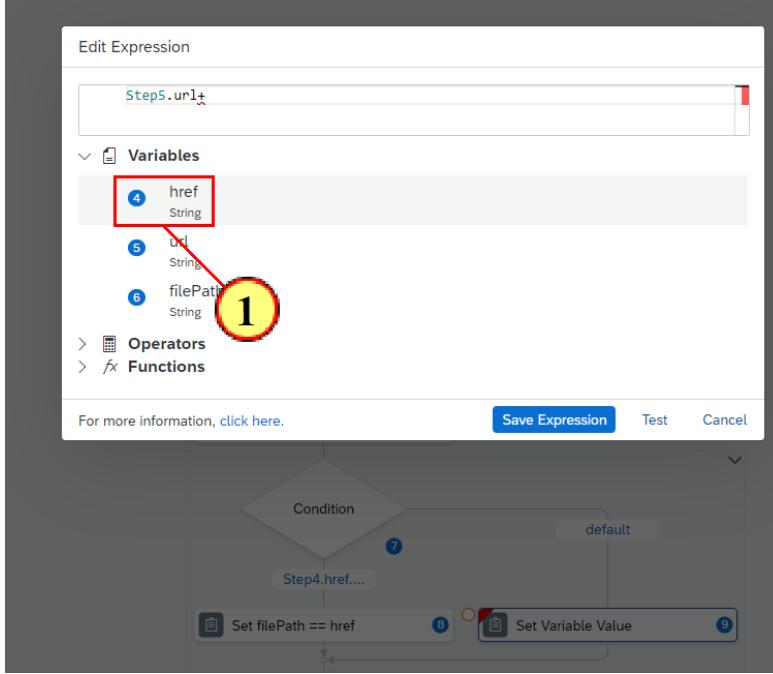
Explanation	Screenshot
RPA Challenge – Cloud Studio – Add Set Variable Value activity	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Add Set Variable Value activity	
(1) Drag a second Set Variable Value activity	

Explanation	Screenshot
<p>(1) Drop it into the workflow, in the <b>default branch (condition false)</b></p>  <p>The arrow should color itself blue while doing so.</p>	
<p>RPA Challenge – Cloud Studio – Update Set Variable Value properties</p>	
<p>(1) Click on the <b>variable</b> parameter</p>	
<p>RPA Challenge – Cloud Studio – Update Set Variable Value properties</p>	

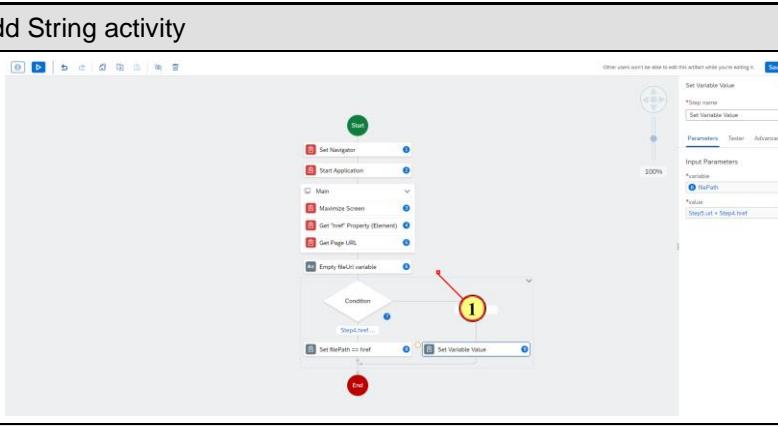
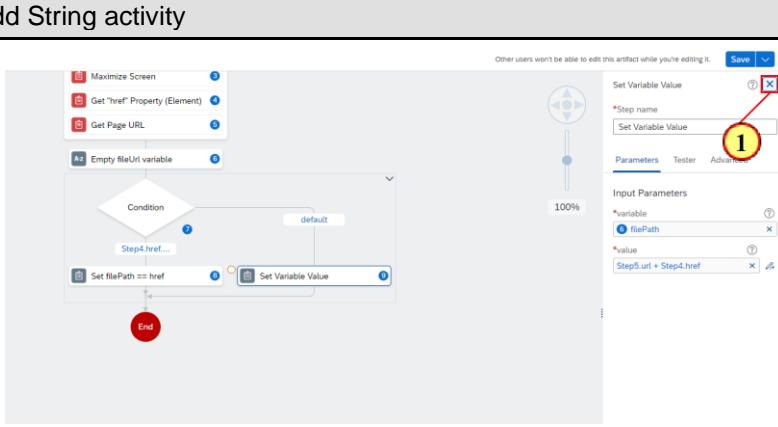
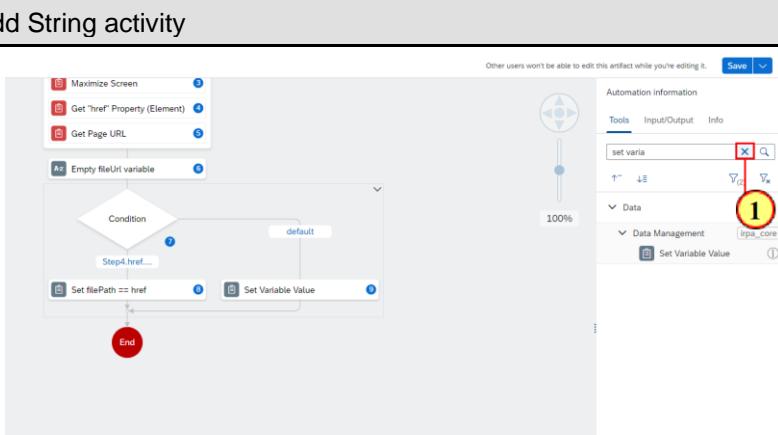
Explanation	Screenshot
(1) Select the variable <b>filePath</b>	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
(1) Click on the Expression editor icon 	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	

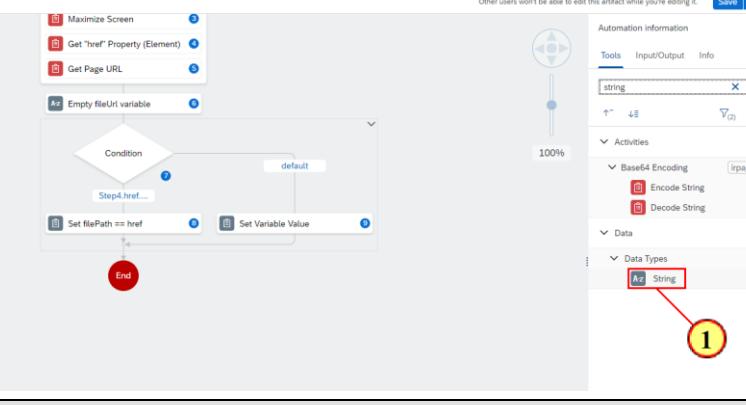
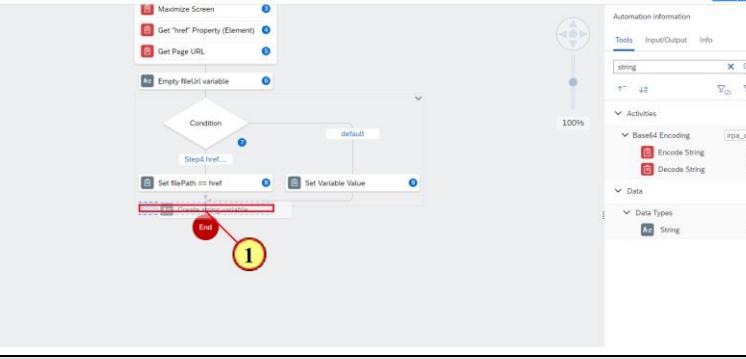
Explanation	Screenshot
(1) Expand the <b>Variables</b> section	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
(1) Select the <b>Url</b> variable	

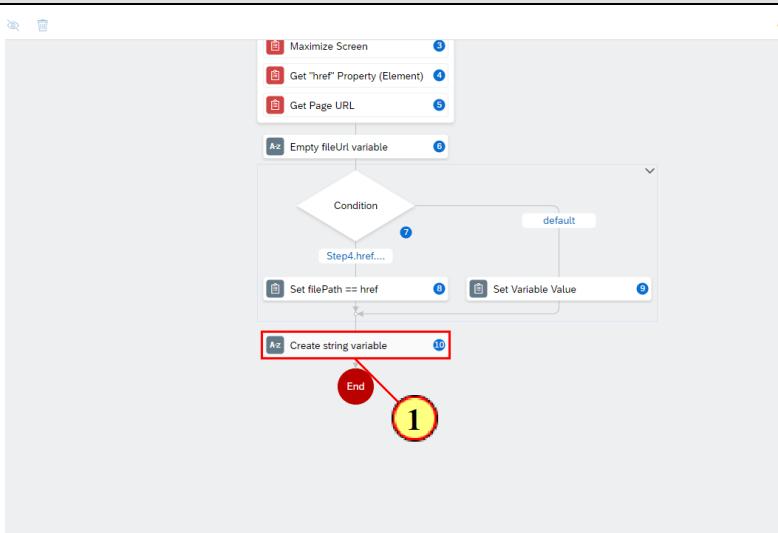
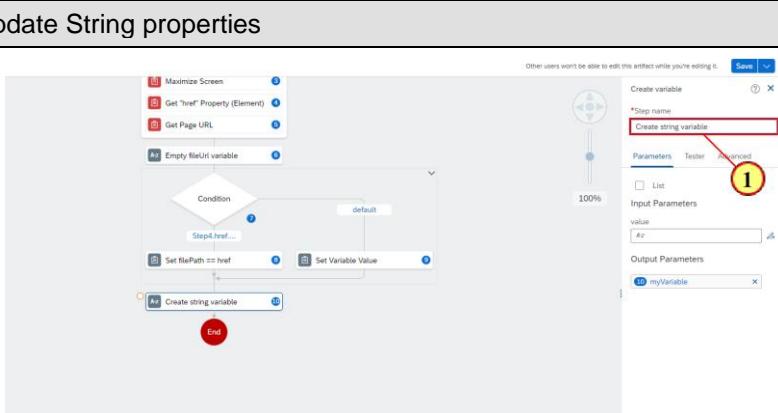
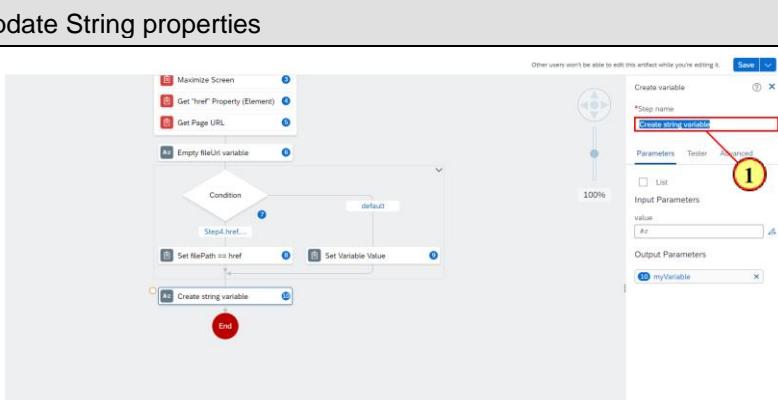
Explanation	Screenshot
(1) Enter: +	

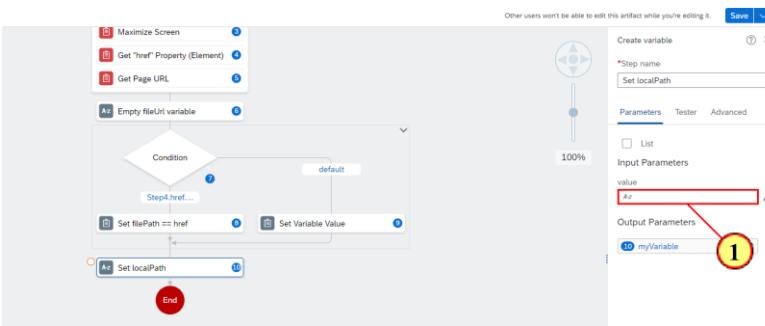
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
(1) Select the href variable	

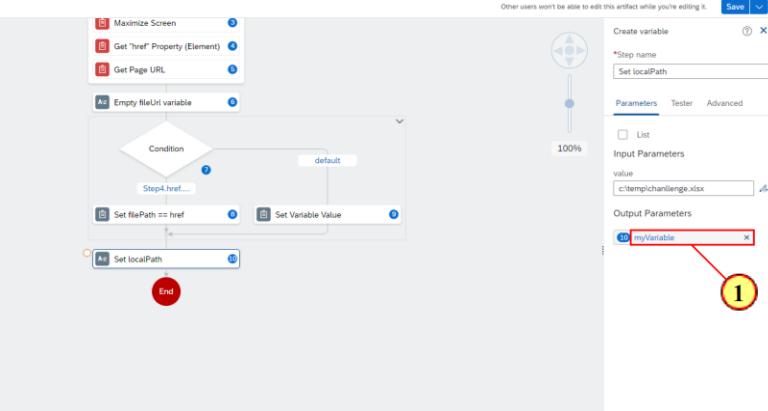
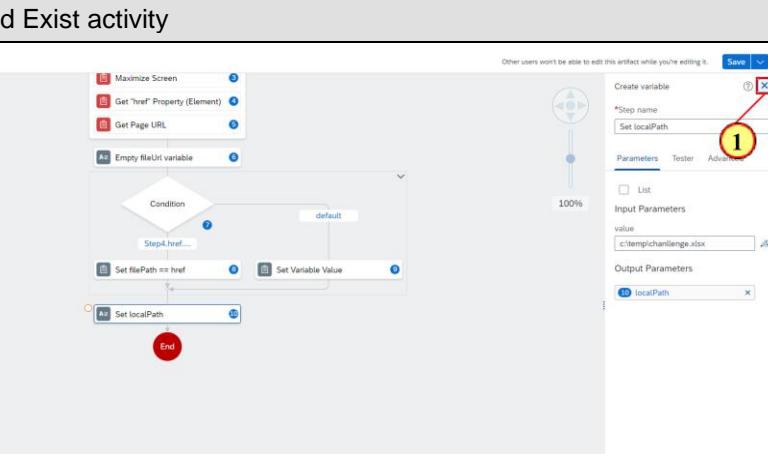
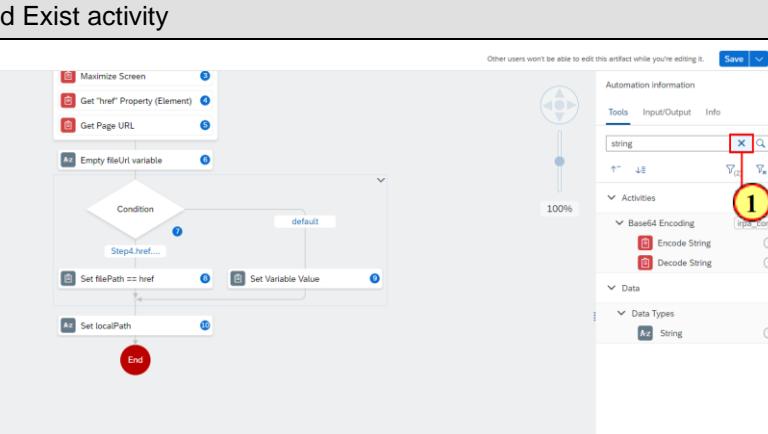
Explanation	Screenshot
<p>(1) Click on <b>Test</b> to verify if the expression is valid.</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Update Set Variable Value properties	
<p>(1) Click on <b>Save Expression</b></p>	
RPA Challenge – Cloud Studio – Add String activity	

Explanation	Screenshot
	 <p>The screenshot shows a RPA Studio workflow. It starts with a 'Start' node, followed by a 'Set Navigator' step. Then there's a 'Condition' step with two branches: 'Step4.href...' and 'default'. The 'default' branch leads to an 'Empty fileUrl variable' step. The 'Step4.href...' branch leads to a 'Set filePath == href' step. After this, there's another 'Set Variable Value' step. Finally, the workflow ends with an 'End' node.</p>
<p>(1) Scroll Mouse wheel down to bring the screen to desired location</p>	 <p>The screenshot shows the same workflow as above, but with a red circle highlighting the 'I' icon on the condition branch of the decision diamond. This indicates an error or a point of interest.</p>
<p>(1) Close the step properties</p>	 <p>The screenshot shows the workflow with a red circle highlighting the close button ('X') in the 'Set Variable Value' step properties panel. A yellow circle labeled '1' is also present on the right side of the properties panel.</p>
<p>(1) Clear the search field</p>	 <p>The screenshot shows the workflow with a red circle highlighting the clear button ('X') in the search field of the 'Set Variable Value' step properties panel. A yellow circle labeled '1' is also present on the right side of the properties panel.</p>

Explanation	Screenshot
RPA Challenge – Cloud Studio – Add String activity	
(1) Search for the <b>String</b> activity	
RPA Challenge – Cloud Studio – Add String activity	
(1) Drag the activity	
(1) Drop it into the workflow after the <b>Set filePath==href</b> activity	
RPA Challenge – Cloud Studio – Update String properties	

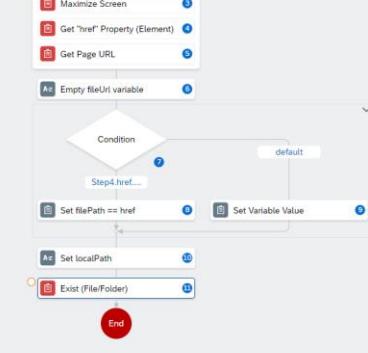
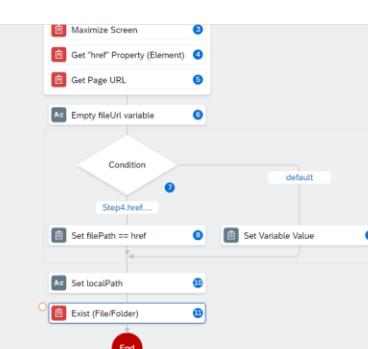
Explanation	Screenshot
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Update String properties	
(1) Click on the Step name field	
RPA Challenge – Cloud Studio – Update String properties	

Explanation	Screenshot
(1) Click on the <b>value</b> parameter	
RPA Challenge – Cloud Studio – Update String properties	
(1) Set the <b>value</b> to <b>c:\temp\challenge.xlsx</b>   This folder has to exist on the machine running the BOT	
RPA Challenge – Cloud Studio – Update String properties	

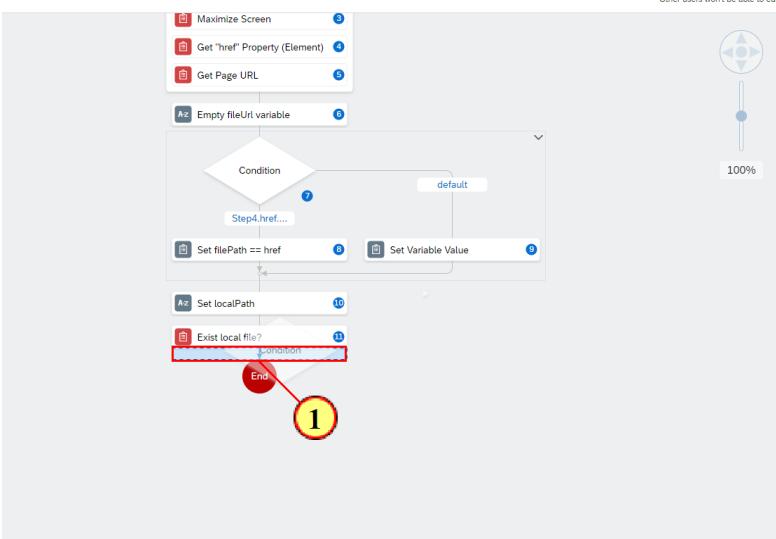
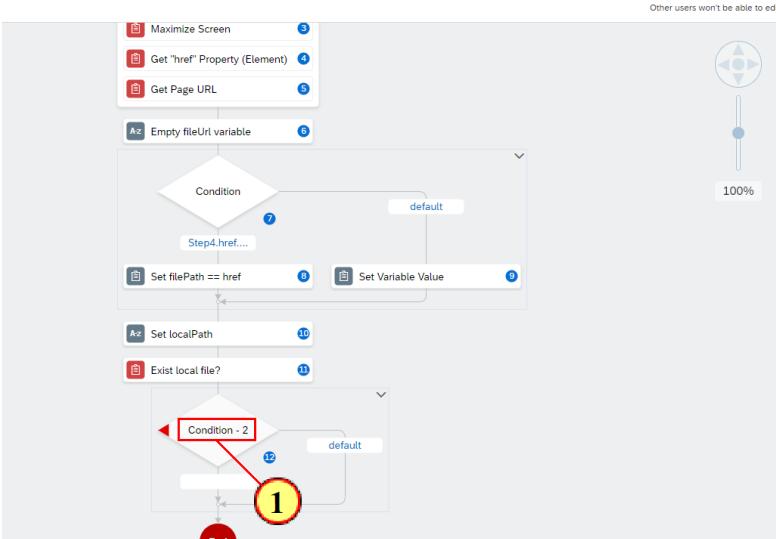
Explanation	Screenshot
(1) Set the Output variable name to <b>localPath</b>	
RPA Challenge – Cloud Studio – Add Exist activity	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Add Exist activity	

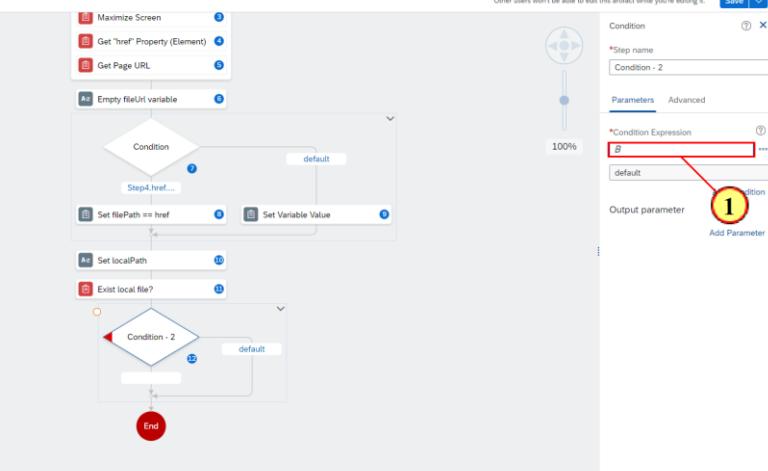
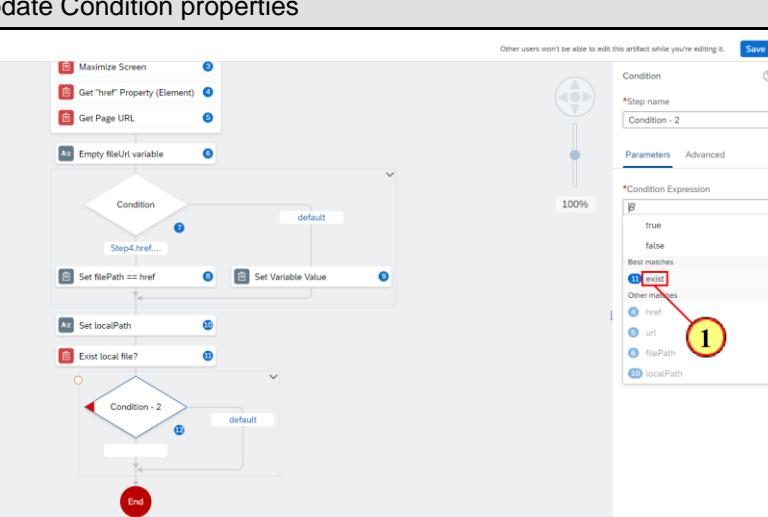
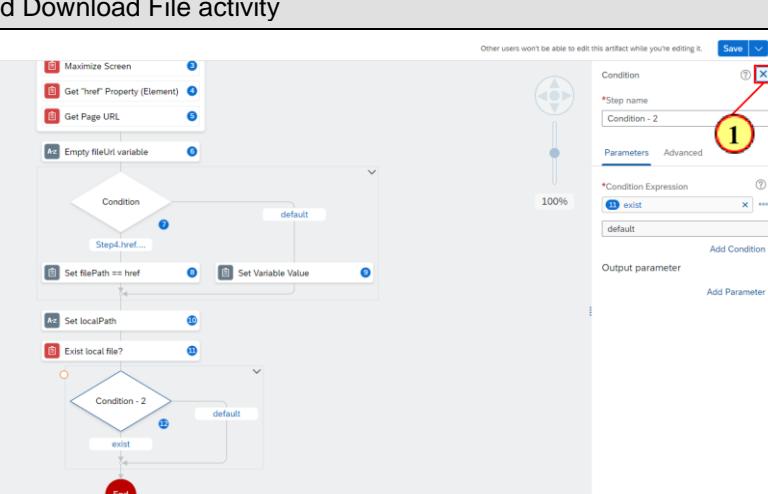
Explanation	Screenshot
(1) Search for file	
RPA Challenge – Cloud Studio – Add Exist activity	
(1) Drag the <b>Exist (File/Folder)</b> activity	
RPA Challenge – Cloud Studio – Update Exist properties	

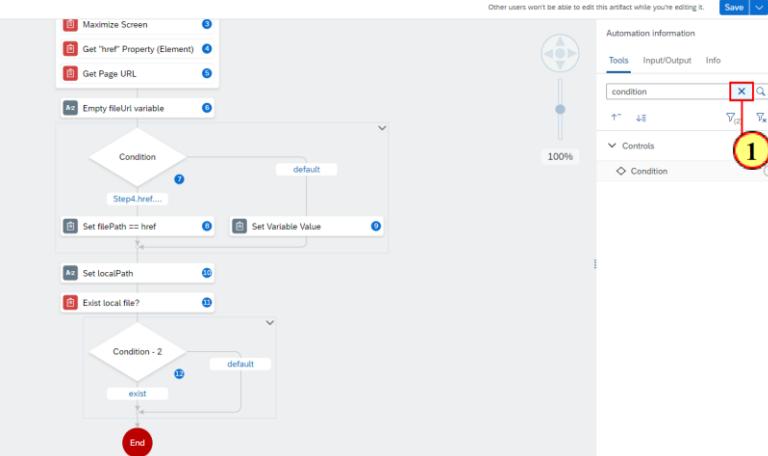
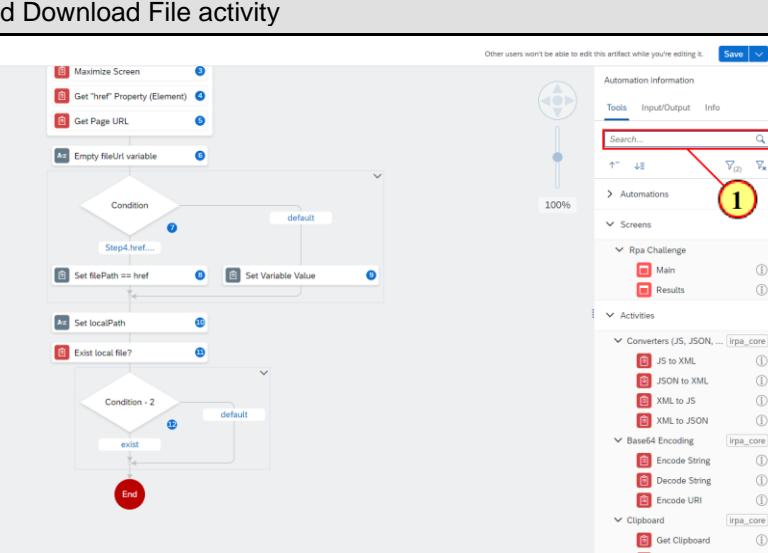
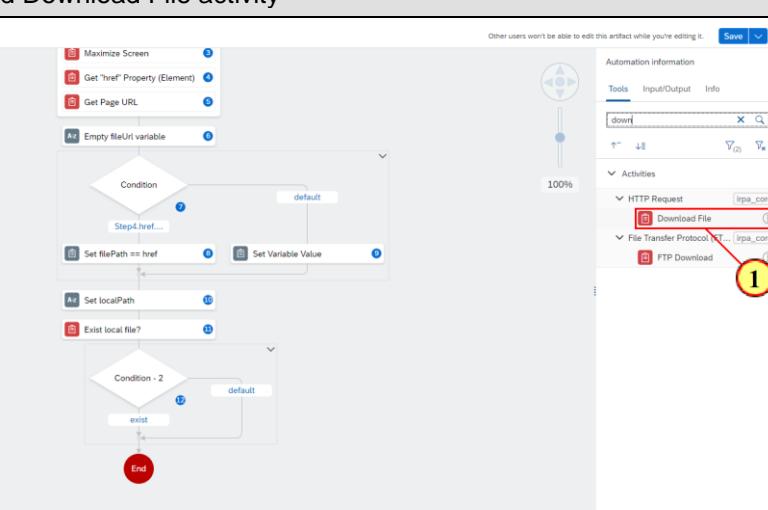
Explanation	Screenshot
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Update Exist properties	
(1) Select the variable <b>localPath</b>	
RPA Challenge – Cloud Studio – Update Exist properties	

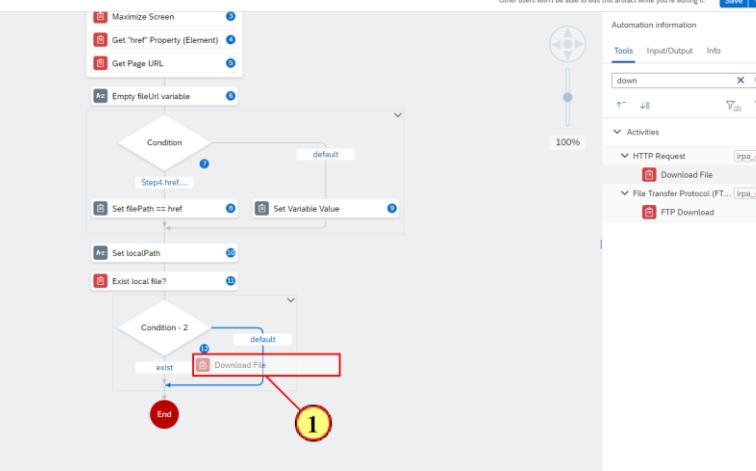
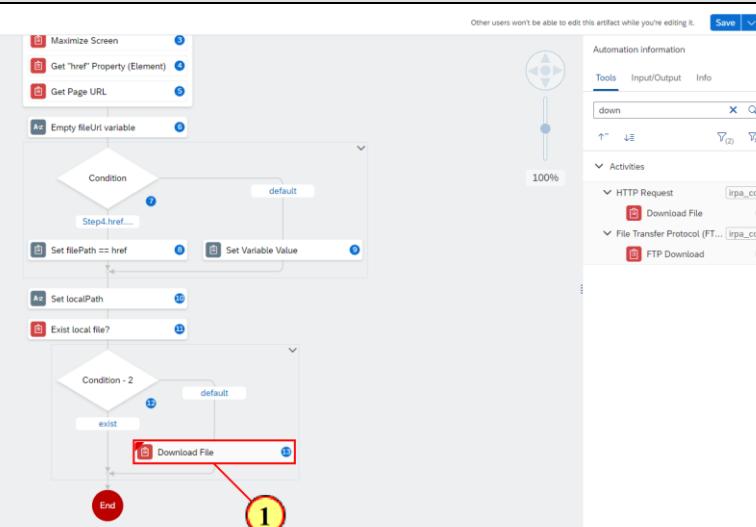
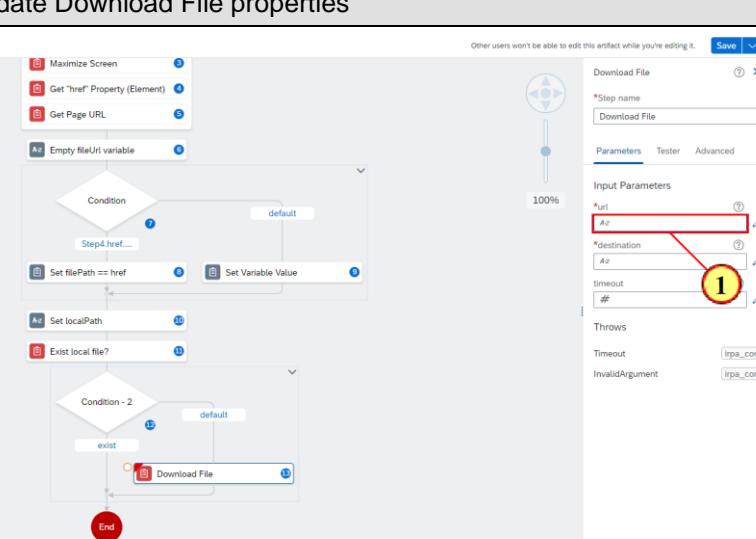
Explanation	Screenshot
(1) Click on the <b>Step name</b> field	 <p>The screenshot shows a Cloud Studio workflow. It starts with a sequence of steps: Maximize Screen, Get "href" Property (Element), Get Page URL, and Empty fileUrl variable. This is followed by a Condition node. The 'default' path of the Condition node contains several steps: Set filePath == href, Set Variable Value, Set localPath, and Exist (File/Folder). The 'Exist (File/Folder)' step is highlighted with a red box and circled with a yellow circle containing the number 1.</p>
RPA Challenge – Cloud Studio – Update Exist properties	 <p>The screenshot shows the properties for the 'Exist (File/Folder)' step. The 'Step name' field is set to 'Exist local file?' and is highlighted with a red box and circled with a yellow circle containing the number 1.</p>
(1) Rename the <b>Step name</b> to <b>Exist local file?</b>	 <p>The screenshot shows the properties for the 'Exist (File/Folder)' step after renaming it to 'Exist local file?'. The 'Step name' field is now 'Exist local file?' and is highlighted with a red box and circled with a yellow circle containing the number 1.</p>
RPA Challenge – Cloud Studio – Add Condition activity	

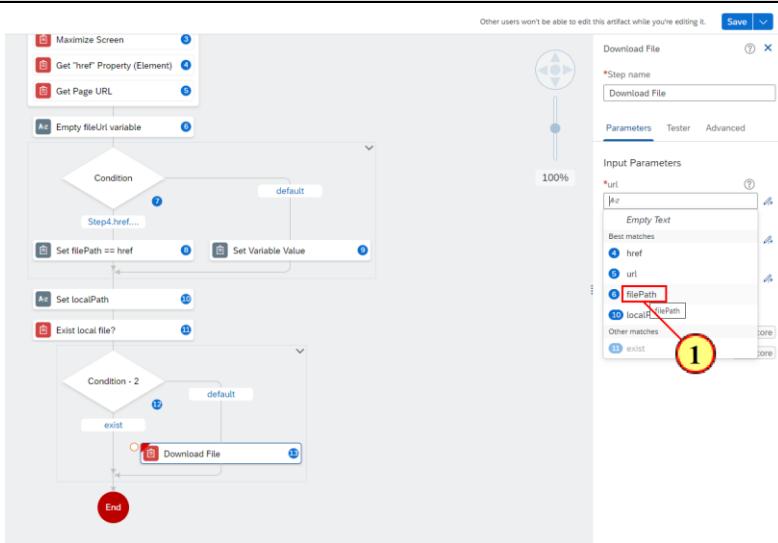
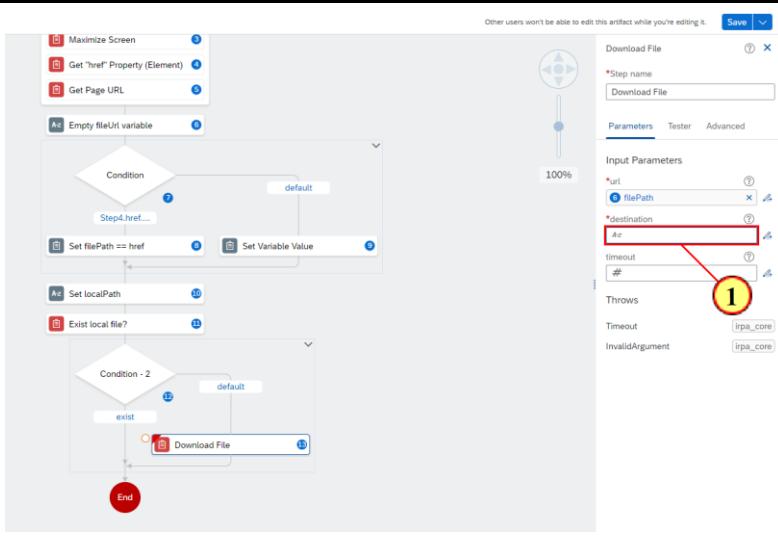
Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Condition activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Condition activity	

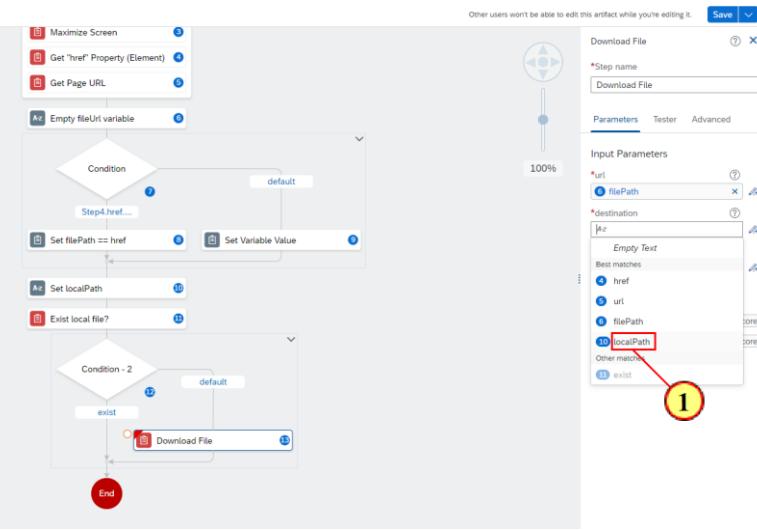
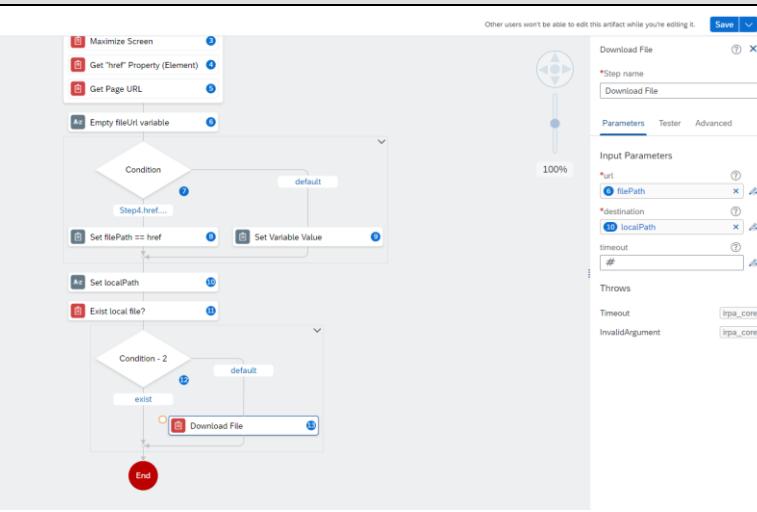
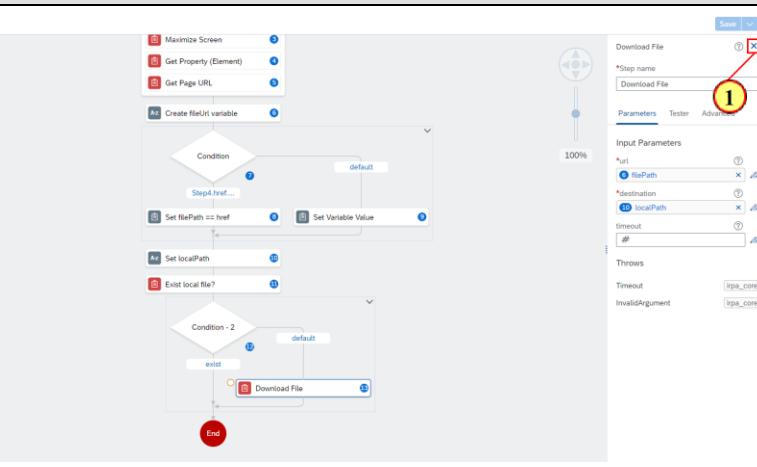
Explanation	Screenshot
(1) Drop it into the workflow after the <b>Exist local file?</b> activity	
RPA Challenge – Cloud Studio – Update Condition properties	
(1) Click on the <b>Condition</b> activity to set the properties	

Explanation	Screenshot
<p>(1) Click on the <b>Condition Expression</b> parameter</p>	
<p>RPA Challenge – Cloud Studio – Update Condition properties</p> <p>(1) Select the variable <b>exist</b></p>	
<p>RPA Challenge – Cloud Studio – Add Download File activity</p> <p>(1) Close the step properties</p>	
	<p>RPA Challenge – Cloud Studio – Add Download File activity</p>

Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Download File activity	
(1) Search for the <b>Download File</b> activity	
RPA Challenge – Cloud Studio – Add Download File activity	

Explanation	Screenshot
<p>(1) Drop it into the workflow in the <b>default (false)</b> branch</p> <p> The arrow should color itself blue while doing so.</p>	
<p>RPA Challenge – Cloud Studio – Update Download File properties</p> <p>(1) Click on the activity to set the properties</p>	
<p>RPA Challenge – Cloud Studio – Update Download File properties</p> <p>(1) Click on the <b>url</b> parameter</p>	

Explanation	Screenshot
RPA Challenge – Cloud Studio – Update Download File properties	
(1) Select the variable <b>filePath</b>	 <p>The screenshot shows a RPA Cloud Studio interface. On the right, the 'Input Parameters' panel is open, displaying several variables: 'url', 'filePath', 'localFilePath', 'exist', 'destination', 'timeout', and 'Throws'. The 'filePath' parameter is currently selected, indicated by a red box and a yellow circle with the number '1'.</p>
RPA Challenge – Cloud Studio – Update Download File properties	
(1) Click on the <b>destination</b> parameter	 <p>This screenshot shows the same RPA Cloud Studio interface as the previous one, but with the 'destination' parameter highlighted by a red box. A yellow circle with the number '1' points to the 'destination' entry in the 'Input Parameters' panel.</p>
RPA Challenge – Cloud Studio – Update Download File properties	

Explanation	Screenshot
(1) Select the variable <b>localPath</b>	
RPA Challenge – Cloud Studio – Update Download File properties	
	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	

Explanation	Screenshot
<p>(1) Scroll down to make space below the workflow</p>	